

[FULL COMMITTEE PRINT]

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DEPARTMENT OF DEFENSE
APPROPRIATIONS BILL, 1991

REPORT
OF THE
COMMITTEE ON APPROPRIATIONS

[To accompany H.R. ——]



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been recommended for several TIARA line items which support the counternarcotics effort.

Details of these adjustments are included in the classified annex to this report.

TRANSFER OF DOD EQUIPMENT TO THE INTELLIGENCE COMMUNITY

As the Department of Defense reduces its force structure over the next few years, a considerable amount of older equipment and other items will become excess to the needs of the Department. The Committee is concerned that much of this equipment may be put into the DOD property disposal process and only a fraction of its value obtained at a time when the U.S. may wish to provide such items to countries cooperating in our efforts to interdict the flow of illegal drugs into the U.S. To prevent such a problem from occurring, the Committee considered putting the following general provision in the bill.

SEC. —. The Secretary of Defense may, without reimbursement, transfer up to \$100,000,000 of spare parts, aircraft, weapons, ordnance, vehicles, supplies, vessels and other items of equipment to the Director of Central Intelligence: *Provided*, That this transfer authority shall not be used except for intelligence activities approved in accordance with Executive Order 12333 as well as existing Congressional oversight, authorization, and appropriations procedures.

The Committee reluctantly did not include this provision, but is requesting the Director of Central Intelligence and the Secretary of Defense to provide their views on such a provision to the appropriations and authorizing committees to consider as a part of the fiscal year 1992 budget process.

COMMAND, CONTROL, AND COMMUNICATIONS

SATELLITE COMMUNICATIONS ARCHITECTURE

During this time of transition and restructuring of our military forces, it is imperative that the Department of Defense ensure that the communications networks that support these forces remain strong. Last year the Committee was concerned that there appeared to be no central direction or architecture for DOD communications satellites and, therefore, directed that DOD submit a plan laying out its long term requirements. In March of this year such a plan was submitted by the Department. However, it did little more than state the obvious: that DOD will need to operate at UHF, SHF, and EHF frequencies for the foreseeable future; that satellite communications requirements are increasing; that survivability concerns are growing; and that MILSTAR and the UHF follow-on programs are vitally important. The Committee certainly agrees with these obvious conclusions, but is concerned that the report did not address such concerns as: how communications requirements are changing as our military force structure is changing; the fiscal impact on what the Department can afford for satellite communications given the significant reductions in the budget over the next few years; the specific role of smaller and cheaper satellites in

years to come; the potential use of commercial satellites for routine peacetime communications in benign environments; and ways to eliminate unnecessary message traffic as recently documented by a Committee Surveys and Investigations Staff report.

The Committee is also concerned with what appears to be confusion in the Department as to its satellite communications priorities. For example, at a time when the MILSTAR and Navy EHF satellites have not even been launched and are competing for scarce resources, Air Force personnel have attempted to have the Committee add funds above the fiscal year 1991 request to accelerate yet another EHF satellite program called TACIT (Technology for Advanced Communications in Transition). In addition, a DOD organization has included funds in the fiscal year 1991 budget to initiate a program that, in concept, appears to offer an alternative to fulfilling some portion of the Navy's UHF follow-on program requirement.

Despite the continuing mixed signals that DOD, the military services, and the defense agencies have sent to the Congress, and despite the new requirements problems facing a portion of the MILSTAR mission, the Committee agrees with the Secretary of Defense that MILSTAR is the single highest communication priority in the fiscal year 1991 budget. In addition, the Committee agrees that the Navy has a valid requirement for fleet communications that its new UHF satellite program will address. However, the Committee is dissatisfied that the Department has a well defined and affordable satellite communications architecture for the decade of the 1990's. Consequently, the Committee has realigned all funds for MILSTAR, the Navy UHF satellite, and Defense Satellite Communications System programs into a single funding line under the Assistant Secretary of Defense (Command, Control, Communications, and Intelligence) to provide improved oversight and control of this exceedingly complex and expensive program area. The Committee expects to work closely with the Department prior to conference on the fiscal year 1991 bill and throughout the fiscal year 1992 appropriations cycle to address these issues.

Additional Committee comments and guidance are contained in the classified annex of this report.

SPECIAL OPERATIONS FORCES

The Committee continues to support the Special Operations Forces in order that its missions are accomplished. Up to now, the Services formulated and executed the program and budget for special operations forces. The Special Operations Command (SOCOM) now has that responsibility. Fiscal year 1991 is the first year that SOCOM will execute its own budget.

The Committee understands that Departmental budget actions of prior years may cause some difficulties in executing certain programs. Such is the case in various programs/projects in the Procurement and Research, Development, Test and Evaluation appropriations. The funds appropriated for these programs have not been obligated in a timely manner. Consequently, there is more than adequate funding to continue procurement and RDT&E actions initiated in prior years. For this reason, the Committee rec-

and maintenance, depot maintenance, communications and ADP, etc. The Procurement and RDT&E budget requests shall identify specific projects/programs with complete descriptions and justifications. The format for the justification books and accompanying exhibits shall be similar to the format submitted by the Services.

The Committee expects the full and complete accounting of all funds appropriated or otherwise available under this Act. In addition, the Committee expects all direct costs associated with SOCOM will be included in future budgets. It is essential that SOCOM submits budget documents that are useful for thorough review and analysis.

The Committee is concerned about the poor quality of the budget justification for the special access programs in the special operations community. Some items have been budgeted for twice and some not at all; some have been identified as funded in the wrong lines and some have not been justified at all.

The classified special operations programs are among the highest priorities of the Department of Defense and are fully supported by the Committee. However, the Committee takes its oversight responsibilities of "black" programs seriously and has no choice but to deny all funds for these programs pending improved cooperation and justification from the Department of Defense. Consequently, reductions totalling several hundred million dollars are recommended, the details of which are contained in the classified annex to this report.

In addition, for fiscal year 1992, the Committee directs that the Department submit a special access annex to the special operation budget justification books fully explaining every program, and include a crosswalk by program element, P-1/R-1, and appropriation.

SPECIAL OPERATIONS RESEARCH AND DEVELOPMENT CENTER (SORDAC)

A general provision is included in the bill that prohibits the Command's acquisition function from relocating into the National Capital Region.

GUARD AND RESERVE FORCES

The Committee believes that the transfer of funds from the Operation and Maintenance accounts of the Reserve Components to the Special Operations Command is premature. Additionally, the Committee directs two additional modified EC-130E be assigned to 193d Special Operations Group. For further details, see the write-up on these subjects in the "Guard and Reserve Forces" section of the report.

AUTOMATED DATA PROCESSING RESOURCES

Funding.—The Department of Defense requested \$9,524,000,000 for automatic data processing resources in fiscal year 1991 in many appropriations. The Committee recommends \$9,105,795,000, a reduction of \$418,205,000 as explained below:

(Dollars in thousands)

	House Armed Services Committee	Committee recommended
Operation and maintenance		
Army	\$135,000	—\$110,000
Navy	—135,000	—135,000
Air Force	—135,000	—75,000
Computer Aided Logistics (CALS)	+20,000	+20,000
Defense Agencies	—45,000	—25,000
Defense Logistics Agency		—4,000
Army Reserve		—7,795
Army Guard		+4,241
Navy Reserve		—4,000
Total	—430,000	—336,552
Other procurement		
Army		—22,452
Navy		—48,400
Air Force	—28,600	—10,800
Total	—28,600	—81,652
Grand total	—458,600	—418,204

Computer Maintenance.—A June, 1989 Department of Defense Inspector General report revealed that at that time DOD was spending \$100,000,000 annually more than was necessary for computer maintenance. In fiscal year 1991, the Department plans to spend \$1,096,200,000 for computer maintenance. While the Air Force and Marine Corps forecast dramatic decreases in their budgets, the Army and Navy and Defense Logistics Agency plan for growth. The Committee believes that growth is unwarranted if sufficient top level management attention is focused on this area. Of the operation and maintenance reductions above, \$35,000,000 in the Army, \$25,000,000 in the Navy, and \$4,000,000 in the Defense Logistics Agency are to be applied to computer maintenance costs.

Computer Aided Logistics Support (CALS).—The Committee recommends an increase of \$20,000,000 as proposed by the Armed Services Committee. DD Form 1414 for the Operation and Maintenance, Air Force appropriation should show these funds as a special Congressional interest item, a decrease to which requires prior approval. The funds are to be provided only to the Air Force Logistics Command for CALS initiatives such as: metallurgical stress diagnostics and analysis processes, refinement of CALS integrated design systems techniques, establishment of CALS shared resource centers between the government and industry, creation of distance learning capabilities for CALS oriented projects, completion of the loading of existing engineering drawings and technical orders into automated information systems, establishment of a test center for CALS conformance and engineering and metal working, analysis of CALS standards and concepts, and infusion of the Ada programming language into automated logistics information systems. Of this amount, \$4,000,000 is only for establishment of CALS shared resource centers.

Air Force Logistics Command Modernization.—The nation has spent hundreds of millions of dollars and many years on the Air Force Logistics Command logistics information modernization program, which is envisioned to eventually be a multi-billion dollar investment. The Committee is concerned that in the tight budget environment, exacerbated by the Desert Shield operation, logistics ADP modernization may not be fully supported at the time when hardware is finally being fielded. This would be penny wise and pound foolish. The Committee therefore recommends bill language that the Logistics Modernization System be funded at \$180,000,000 in fiscal year 1991.

Army Reserve.—The budget requests \$3,552,000 for the Personnel Electronic Records Management System (PERMS) whose acquisition has been delayed; therefore, operation and maintenance funds are no longer required in fiscal year 1991. The Committee also recommends that \$4,241,000 in operation and maintenance funding for the Development Army Mobilization System (DARMS) be transferred to the Army Guard operation and maintenance appropriation to align the funds with the current organizational responsibility. The Committee recommends a total reduction of \$7,793,000.

Army National Guard.—The Committee recommends an increase of \$4,241,000 for DARMS as explained above.

Navy Reserve.—The Committee recommends a reduction of \$4,000,000 in operation and maintenance and \$2,618,000 in other procurement for modernization of the Naval Reserve Command Management Information System (RESCOMMIS). Since the Defense Department has embraced the "corporate information management" philosophy for sharing automated information systems between the Services, the Committee believes that the Navy should not be allowed to pursue a unique system.

Army Procurement.—The Army requested \$64,763,000 for procurement of computer equipment. The Committee recommends that \$6,653,000 for miscellaneous information processing equipment be denied due to lack of justification. \$9,100,000 for computer upgrades at the Army's Finance Center should be postponed pending the outcome of DOD consolidation of the services' finance centers. \$6,700,000 for computer equipment in Europe and the Pacific should be postponed due to force structure reductions made after the budget was submitted. In total, the Committee recommends \$42,310,000, a reduction of \$22,453,000.

Navy Procurement.—The Navy requested \$106,339,000 for procurement of computer equipment. General Accounting Report IMTEC-90-84BR identified \$40,800,000 of cancelled or questionable programs. \$5,000,000 for CAD/CAM procurement can be reduced due to contracting delays. \$2,600,000 for RESCOMMIS is explained above. In total, the Committee recommends \$57,939,000, a reduction of \$48,400,000.

Air Force Procurement.—The Air Force requested \$54,746,000 for procurement of computer equipment. The General Accounting Office informed the Committee that the Combat Ammunition System has not successfully passed any oversight reviews required by DOD regulations and section 8029 of this bill. The Committee recommends \$43,946,000, a reduction of \$10,800,000 for the Combat Ammunition System which is specifically denied.

Corporate Information Management (CIM).—This year the Defense Department announced an initiative called corporate information management which aims to consolidate and unify automated information systems within the Department. The Committee strongly endorses this initiative, which is forecast to save about \$2,000,000,000 during the next few years, and fully approves the budget for CIM as requested. The Committee directs the Department of Defense's senior information resources management official to submit a report to the Appropriations Committee of Congress by March 1, 1991 on the status and progress of the CIM initiative, to include program milestones and return-on-investment objectives. \$6,500,000 of the amounts appropriated in operation and maintenance for CIM are only for the Joint Service Technical Information System (JUSTIS), assuming that the system can be made to conform to the CIM process; the Committee directs the Comptroller of the Defense Department to determine proper outyear funding responsibility for this system and include the results in the fiscal year 1992 budget to Congress.

Reserve Component Automation System (RCAS).—The Committee commends the Secretary of the Army and the Comptroller of the Defense Department for their actions that have resulted in the recent contract awards for RCAS which fully comply with Congressional guidance and are on schedule. The Committee reaffirms the guidance provided in previous Committee reports and legislation, to include development of a modern functional description of the system. Section 8036 of this bill has been amended to provide more flexibility to the Army to purchase a limited number of computers on an interim basis pending fielding of RCAS.

Bill language has been deleted for the purchase of mini and micro computers on an interim basis. Instead, the following policy should be followed. None of the funds provided by this bill should be used for the procurement of mini and micro computers for the Army Reserve Component which duplicate functions to be included in the RCAS contract, unless the procurement meets one of the following criteria: (1) the computer is to be procured for a unit or other physically separate element of the Army Reserve or the Army National Guard which does not presently have one, in which case not to exceed one for each such unit or element may be procured; (2) the procurement is required as a result of force structure changes which result in net increases in the unit structure or mission to provide capabilities and functions presently available generally to similar units of the Army Reserve or Army National Guard for a new, expanded, converted or reorganized unit; or (3) the procurement is for the DOLFINS upgrade. Approval authority to execute this interim policy may not be delegated below the RCAS program manager.

Developmental Army Mobilization System (DARMS).—The Committee recommends the funding transfer explained above. All DARMS operational costs are to be funded only in the National Guard operation and maintenance appropriation in fiscal year 1991 and subsequent years. In addition, the Committee directs the Secretary of the Army to staff the RCAS program management office and DARMS with personnel in the number, grades, and of the qualification shown as required for the fully mission capable level

by the most recently approved RCAS table of distribution and allowances. Upgrades to the DARMS subsystem called DOLFINS are approved by the Committee only to the extent authorized by the RCAS program office.

Logistics ADP Master Plan.—Congress required the Assistant Secretary of Defense for Production and Logistics to submit a master plan for the many logistics computer modernization programs currently underway which are forecast to cost billions of dollars. The Committee reiterates its desire for such a master plan, to be submitted by February 1, 1991.

Medical ADP Architecture.—In a similar vein, the Congress required the Defense Department to submit a medical ADP architecture (or plan) for the billions of dollars of medical ADP modernization projects currently underway. The Committee reiterates its desire for such a master plan, to be submitted by February 1, 1991.

Beaumont Army Medical Center.—\$2,200,000 of the funds appropriated to the Army are only for medical computer upgrades at Beaumont Army Medical Center. The Assistant Secretary of Defense for Health Affairs should ensure that such upgrades are consistent with the fielding of the Composite Health Care System. These upgrades are intended to bring outpatient clinics supported by the center's hospital information system up to operational capacity and to provide funding for items such as cabling for automated equipment.

Funding Limitation.—The Committee no longer considers operation and maintenance funding for ADP as a special interest item, for the purpose of preparing DD Form 1414.

MAISRC Reviews.—The Committee directs the Department of Defense's senior information resource management official to conduct oversight reviews of the Strategic War Planning System and joint service optical disk programs and to report the results to the Appropriations Committees of Congress.

Ada Programming Language.—The Department of Defense developed Ada to reduce the cost of development and support of software systems written in the hundreds of languages used by the DOD through the early 1980s. Beside the training economies of scale arising from a common language, Ada enables software cost reduction in several other ways: (1) its constructs have been chosen to be building blocks for disciplined software engineering; (2) its internal checking inhibits errors in large systems lying beyond the feasibility of manual checking; and (3) its separation of software module interfaces from their implementations facilitates and encourages reuse of already-built and tested program parts. While each of these advantages is important, Ada's encouragement of software engineering is fundamental. Software practitioners increasingly believe the application of engineering disciplines is the only currently-feasible avenue toward controlling unbridled software cost escalation in ever-larger and more complex systems. In March, 1987, the Deputy Secretary of Defense mandated use of Ada in DOD weapons systems and strongly recommended it for other DOD applications. This mandate has stimulated the development of commercially-available Ada compilers and support tools that are fully responsive to almost all DOD requirements. However, there are still too many other languages being used in the DOD, and

thus the cost benefits of Ada are being substantially delayed. Therefore, the Committee has included a new general provision, Section 8084, that enforces the DOD policy to make use of Ada mandatory. It will remove any doubt of full DOD transition to Ada, particularly in other than weapons systems applications. It will stimulate DOD to move forward quickly with Ada-based software engineering education and cataloging/reuse systems. In addition, U.S. and commercial users have already expanded tremendously the use of Ada and Ada-related technology. The DOD, by extending its Ada mandate, can leverage off these commercial advances. Navy Ada is considered to be the same as Ada for the purposes of this legislation, and the term Ada is otherwise defined by ANSI/MIL-STD-1815. The Committee envisions that the Office of the Secretary of Defense will administer the general provision in a manner that prevents disruption to weapon systems that are well into development. The Committee directs that applications using or currently planning to use the Enhanced Modular Signal Processor (EMSP) be exempted from mandatory use of Ada as a matter of policy.

FORCES TO BE SUPPORTED

DEPARTMENT OF THE ARMY

The fiscal year 1991 budget was designed to support Active Army forces of 16 divisions, 5 separate brigades, and 3 armored cavalry regiments, and reserve forces of 10 divisions, 16 separate brigades, 7 roundout brigades to active divisions, and 2 armored cavalry regiments. A summary of the major active forces follows:

	Fiscal year—		
	1989	1990	1991
Divisions			
Airborne	1	1	1
Infantry	4	4	4
Light	1	1	0
Motorized	6	6	6
Mechanized	4	4	3
Armored	1	1	1
Air Assault			
Total	18	18	16
Nondivisional combat units			
Armored Cavalry	3	3	3
Brigades	5	5	5
Total	8	8	8
Active Duty Military Personnel, End Strength (thousands)	769.7	744.2	709.0

DEPARTMENT OF THE NAVY

The fiscal year 1991 budget supports ship battle forces totalling 546 ships at the end of fiscal year 1991, a slight decrease from fiscal year 1990 levels. Forces in fiscal year 1991 include 41 strategic ships, 14 aircraft carriers, 2 battleships, 381 other battle force

The Committee has added a general provision pertaining to the Department of Defense Surplus Accounts and its "M" accounts. The most current information available indicates that there is approximately \$31.8 billion in the Department's Surplus Accounts and \$13.5 billion in its "M" Accounts. Many members of Congress consider this to be an unacceptable situation, a view which the Committee shares. The general provision which has been added is designed to make significant changes in how Department of Defense funds are handled when they are no longer available for obligation but are available to make adjustments to obligations.

Upon enactment of this section about \$28.7 billion of the Surplus Account will be cancelled immediately and will no longer be available for obligation or expenditure for any purpose. Funds withdrawn for expired appropriations within the past two years will be restored and may be used to make any proper adjustments under the new law.

With respect to the \$13.5 billion in the "M" Account, this amount, less any otherwise proper adjustments made, will be cancelled on the 3rd September 30th following enactment of this provision.

Insofar as current and future appropriation accounts are concerned, no funds of the Department will be available for obligation adjustments for more than five years following their period of obligatory availability.

Following is a description of what the provision will do.

Subsection (a).—Under existing law, when an account is no longer available for obligation, obligated balances in that account maintain their identity for a period of two years after which they are transferred to the so-called "M" accounts. Unobligated balances are withdrawn into the Treasury where they are in the so-called "Surplus" accounts. Under subsection (a) for those existing accounts whose unliquidated obligations have not merged, any unobligated balances will be restored. Thereafter, they will maintain their identity for a period of five years after which the unobligated and obligated balances shall be cancelled. All amounts currently in the "M" Accounts will be cancelled on the 3rd September 30th of the year following enactment of this section. Thirty days after enactment of this section, all remaining unobligated balances which are in the Surplus accounts will be cancelled with the exception of those expired unobligated balances of appropriations which expired within the two-year period before enactment of the section. As indicated, these amounts will be restored to the appropriation from which they were withdrawn.

Subsection (b).—This section provides as follows:

1. All unobligated and obligated balances in an account are cancelled on the 5th fiscal year following the expiration of the appropriations period of availability and are, thereafter, not available for obligation or expenditure for any purpose. Obligated balances of existing accounts which have expired for obligation and whose balances have been transferred into the "M" accounts will be cancelled on September 30th of the 3rd fiscal year following enactment of the section. Obligated balances in existing and future appropria-

tions available for an indefinite period will be cancelled when a determination is made that the purpose of the appropriation has been carried out and when no disbursements have been made from that appropriation for a period of two years.

2. Collections received following closing of an account are deposited into the Treasury as miscellaneous receipts.

3. Prior to closing of an account and after expiration of an account's period of availability for obligation, the account is available for recording, adjusting, and liquidating obligations chargeable to that account for five years. The amounts are limited, however, to no more than the unobligated expired balances of the original appropriation.

4. After an account is closed, obligations and adjustments that could have been charged to that account and which are not otherwise payable from current appropriations may be charged to such current appropriations available for the same purpose. The amounts of such charges are limited, however, to one percent of the current amount of the appropriation or the amount of the original appropriation, whichever is less.

5. Special rules are established for contract changes, i.e., changes requiring a contractor to perform additional work other than adjustments to pay claims or increases under an escalation clause. Under these rules, if an authorized obligation to an account for any program, project or activity would result in total obligations in a single fiscal year to exceed \$4 million, the obligation must be approved by the head of the Department concerned or a delegee. If such action would result in total obligations in excess of \$25 million in any fiscal year, it could not be made until 30 days following notification to the Appropriations and Armed Services Committees of the intention to make such an adjustment.

Subsection (c).—This subsection provides that the provisions of the section shall apply to all future appropriations as well unless the law making that appropriation specifically provides for an extension of the period of availability of the appropriation and provides for an exception to the period of availability for recording, adjusting, and liquidating obligations chargeable to that account.

FINANCE AND ACCOUNTING OPERATIONS

The Secretary of Defense recently directed the unification of the Services' finance and accounting operations. There are currently seven such offices, five of which are located outside of the Washington, D.C. area. To prevent worsening of the already excessive centralization of Department offices in this area, the Committee directs the Department to locate the accounting function outside the national capital region at one of the other existing offices.

BASE CLOSURES

The Committee included a general provision that directs the Secretary of Defense to include a comprehensive five year review of military installations selected for closure or realignment in any base closure and realignment plan submitted to Congress.

JAVITS-WAGNER-O'DAY

Several years ago, the Committee requested the Department to study the feasibility of establishing a \$50,000,000 annual goal for adding new items and services to the JWOD (Javits-Wagner-O'Day) procurement list. The Department responded that it was already being inundated with goals intended to achieve admittedly commendable national objectives and that establishing a DOD-wide goal was not feasible or realistic.

However, the Committee is aware that the level of DOD procurements currently being directed to nonprofit agencies qualified under the provisions of the JWOD Act is relatively low. Purchases, under this Act, provide much needed employment opportunities to blind and other severely handicapped Americans who suffer the highest unemployment rate of any group in the nation. At the same time, the program provides quality goods and services to the federal government at fair market prices.

Section 1207 of the fiscal year 1987 DOD Authorization Act establishes a goal of awarding 5 percent of DOD contracts to small disadvantaged business enterprises. The Committee understands that in fiscal year 1989, DOD achieved only 3.3 percent of its 5 percent goal. If DOD awards under JWOD Act were included, the Department would still fall short of the goal. Therefore, the Committee believes that DOD can increase awards to both the Small Disadvantaged Businesses and JWOD and requests the Department report back on the feasibility of including JWOD business in the 5 percent set-aside for Small Disadvantaged Businesses.

MWR ABUSE

The Committee was extremely upset to learn of the morale, welfare, and recreation (MWR) abuses which surfaced this year. The MWR program is very important to our service members' well being and must be properly managed by field commanders.

The Committee understands that the Department is truly committed to correcting the original abuse that did occur and ensuring that no abuse ever occurs again. The Committee will closely monitor this program in the future.

MARYLAND HOSPITAL ASSOCIATION DEMONSTRATION PROJECT

The Secretary of Defense will make available \$300,000 from the operation and maintenance funds to provide for a demonstration project with the Maryland Hospital Association (MHA). This project will assist displaced defense workers in finding employment in the health care field.

OPERATION AND MAINTENANCE, ARMY

Fiscal year 1990 appropriation.....	\$22,787,559,000
Fiscal year 1991 budget request.....	23,562,900,000
Committee recommendation.....	21,067,271,000
Change.....	-2,495,629,000

The Committee notes that the recommended level is \$112,815,000 over the House authorized level of \$20,954,456,000. This amount may not be obligated or expended until authorized by law. The fol-

lowing table summarizes the specific adjustments to the fiscal year 1991 request.

	(Dollars in thousands)	
General Purpose Forces.....		\$8,212,280
Europe Forces.....		(-48,000)
RPMA Europe and Pacific.....		(-324,000)
Base Operations Europe.....		(-70,000)
JCS Exercises.....		(-24,900)
Management Headquarters—CONUS.....		(-64,000)
Intelligence and Communications Program.....		1,658,046
Base Information Management.....		(-9,056)
Centrally Managed Information.....		(-8,182)
Central Supply and Maintenance.....		3,849,872
Logistics Support Activities.....		(-18,000)
Base Operations Support.....		(-4,835)
Resale Commissaries.....		(-25,000)
Subsistence in Kind.....		(-32,000)
Depot Maintenance.....		1,580,563
Excess Trucks.....		(-39,500)
Equip Repair and Overhaul Contract—Maintenance Depot.....		(-45,725)
Depot Maintenance Backlog.....		(+150,060)
Training and Other General Personnel Activities.....		3,409,973
Recruiting and Advertising.....		(-71,000)
Professional Development Education.....		(-10,200)
Civilian Short/Long Term Training.....		(-4,500)
Management Headquarters.....		(-8,600)
Base Operations.....		(-45,000)
Medical Programs.....		3,104,516
CHAMPUS.....		(+111,900)
USUHS Transfer.....		(+4,100)
Administration and Associated Activities.....		853,242
Department Headquarters Support.....		(-15,900)
Guard/Reserve offset.....		(-41,300)
Support to Other Nations.....		262,270
Civilian Manpower.....		-691,620
Troop Reduction.....		(116,620)
FY 90 Personnel Freeze Savings.....		(-33,000)
Foreign National Employees.....		(-540,000)
SES Workyears.....		(-2,000)
Minor Construction.....		-43,116
A-76 Reviews.....		-83,000
Travel.....		-196,700
Real Property Maintenance.....		-290,000
ADP Programs.....		-110,000
Classified Programs.....		-152,555
Environmental programs.....		-40,000
Base closure, MilCon.....		(-24,000)
Level of effort.....		(-16,000)
Acquisition Savings.....		-20,000
Stock Fund and Material Purchases.....		-270,000
Household Goods Shipments.....		-18,000
Transit Lodging.....		-30,000
Unliquidated Obligations.....		-25,000
Ration Control.....		-4,000
Chemical/Biological.....		120,000
Free Postal Mailing.....		11,000
Total Army.....		\$21,067,271

CIVILIAN PERSONNEL

In an effort to reduce its civilian workforce the Army has already started execution of a sizable reduction in force (RIF). The bulk of this reduction has fallen on the Army's depot and supply activities. While the Committee recognizes that civilian force re-

ductions are inevitable, the Army's decision to reduce the DESCOM workforce by nearly 10 percent in one year is clearly excessive. The Army has not been able to provide the Congress with any explanation of why cuts of this magnitude have been levied. Moreover, while the size of DESCOM's workforce is ostensibly directly tied to workload, the Army has failed to relate its RIF action to any diminished or unfunded workload.

The Committee has made funding of the Army's central supply and depot maintenance programs a priority, especially in light of the additional requirements imposed by Operation Desert Shield. Recognizing that Desert Shield requirements are of necessity both large and undefined at this point, and in all likelihood will require additional funding later in the fiscal year, the Committee still believes it has provided sufficient funding for depot maintenance and supply activities to preclude any additional workforce reductions in DESCOM. The Committee will not accept any additional reductions in force for fiscal year 1991 beyond those already announced, save any which result from a documented change in workload requirements or streamlining and consolidation activities associated with the ongoing Defense Management Review.

DEPOT MAINTENANCE

The Committee recommends an additional \$150,060,000 to be used only to offset the Army's increasing depot maintenance backlog and to reduce the shortfall of funds for the civilian personnel performing additional work associated with Operation Desert Shield. None of these funds shall be used to fund requirements in management and administrative functions of the headquarters.

Software Maintenance. Maintenance of software is equally important as maintenance of hardware, and together constitutes systems maintenance. Given the interest of this Committee in the depot maintenance program, \$37,000,000 is to be transferred from Maintenance Support Activities to Depot Maintenance in fiscal year 1991 so that embedded software maintenance will be included with the hardware maintenance in the systems maintenance account.

UNLIQUIDATED OBLIGATIONS

Six of the Army's major subordinate commands have 4,500 negative unobligated obligation balances totaling \$328,000,000 in their accounting records. A GAO review of \$52,100,000 of these negative balances found that \$7,600,000, or 15 percent, occurred because overpayments were made to contractors, and \$23,800,000, or 46 percent, were due to processing errors.

The Committee is greatly disturbed by both the overpayments to the contractors and the sloppy bookkeeping performed at the six commands. Both of these situations lead to distorted information that the Army and Congress use to make management decisions.

Based on the findings of the GAO, the Committee has reduced the Army's O&M appropriations by \$25,000,000 for unliquidated obligations for overpayment of contractors and directs the Army to aggressively seek reimbursement of these overpayments.

AUTOMATIC BUILDING MACHINE SYSTEMS

The Continuing Resolution, 1991, contained \$10,000,000 in Other Procurement, Army, for automatic building machine systems and associated materiel. These systems will provide a capability for the rapid assembly of temporary structures which can be quickly assembled and subsequently disassembled once an operation is complete. They can also be used to construct more permanent facilities. The Committee directs the Army to provide any fiscal year 1991 Operation and Maintenance costs required to support this program from funds available in this account.

TELE-TEACHING TECHNOLOGY

The Committee directs that not less than \$1,000,000 be made available only for an instructional and training program for military policemen, utilizing tele-teaching distance learning technology employing audiographics.

LETTERKENNY ARMY DEPOT

The Committee has included a general provision prohibiting the transfer of the 2.5 and 5.0 ton truck maintenance and/or towed and self-propelled artillery maintenance functions from Letterkenny Army Depot.

LOGISTICS SUPPORT ACTIVITY

The Committee is aware of the Army's plan to consolidate three of its logistics support functions. The Logistics Support Activity would be composed of these three functions. The Committee understands that the Department's plan is to locate the Logistics Support Activity to Letterkenny Army Depot. The Committee agrees that this would be a most cost-effective move and urges the Army to proceed with this plan accordingly.

VISITING SCHOLAR PROGRAM

The Committee directs the Department to provide \$50,000 from Operation and Maintenance, Army for the Colonel Thomas Hawkins Johnson visiting scholar program and lecture series as authorized in section 1345 of the House-passed authorization bill for fiscal year 1991.

OPERATION AND MAINTENANCE, NAVY

Fiscal year 1990 appropriation.....	\$23,902,621,000
Fiscal year 1991 budget request.....	24,531,600,000
Committee recommendation.....	23,101,605,000
Change.....	- 1,429,995,000

The following table summarizes the specific adjustments to the fiscal year 1991 request.

[Dollars in thousands]	
Strategic Forces.....	\$1,806,102
General Purpose Forces.....	7,254,791
Fleet Operations Support.....	(- 10,141)
Fleet Command & Staff.....	(- 13,200)
Base Operations.....	(- 30,529)

Intelligence and Communications Programs	3,148,681
Leased Communications	1,263,642
DDN Reviews Savings	(-9,000)
Sealift	(-3,100)
Central Supply and Maintenance	500,000
Command and Administration	5,533,124
Engineering and Support Activities	(-21,800)
Commissary Operations	(-8,578)
Training and Other General Personnel Activities	(-5,000)
Recruiting and Advertising	2,146,497
Professional Development Education	(-36,000)
Other Training Support	(-6,000)
Base Operations Support	(-33,000)
Civilian Education Program	(-13,000)
Medical Programs	(-5,280)
CHAMPUS	2,213,228
Administration and Associated Activities	(+183,000)
Departmental Headquarters	613,832
Manpower Management	(-9,245)
General and Special Program Support	(-14,600)
Reserve offset	(-27,000)
Support to Other Nations	(-20,200)
ADP Management	7,294
A-76 Reviews	-135,000
Civilian Manpower	-36,800
Troop Reduction	-302,081
FY 90 Personnel Freeze Savings	(-76,081)
Foreign National Employees	(-85,000)
SES Workyears	(138,000)
Other O&M/Troop Reduction	(-3,000)
Minor Construction	-95,200
Travel	-18,966
Stock Fund & Material Purchases	-82,132
Real Property Maintenance	-511,200
Classified programs	-67,400
Acquisition Savings	(-44,245)
Non-tactical Vehicles Operations	-18,000
Household Goods Shipments	-10,000
Early Ship Retirement	-18,000
	-25,000
Total, Navy	\$23,101,605

SEALIFT SHIPS/READY RESERVE SHIPS

Because of the difficulties experienced by Ready Reserve Force ships during Operation Desert Shield, the Committee concludes that breakout and exercise of Ready Reserve Force ships is required to ensure that readiness is maintained at levels sufficient to meet national security objectives. Therefore, the Committee directs that operational commanders ensure that funding allocated for exercises includes sufficient funding for the activation and use of Ready Reserve Force ships. Additionally, Ready Reserve Force ships should be routinely used in military exercises whenever feasible. The Committee is providing an additional \$38,268,000 to permit the activation and exercise of Ready Reserve Force ships to enhance their readiness to support national interests.

To ensure that the sealift ships continue to maintain their quick-response capabilities, the Committee directs that funding and resources designated for sealift in support of a European theater scenario be redirected to sealift ships sailing in support of Operation Desert Shield and operations in or around the Arabian peninsula.

U.S.S. "CABOT/DEDALO"

In light of the number of shipboard accidents that occurred last year, the Committee added \$2,000,000 to the fiscal year 1990 O&M. Navy for the Navy and Navy Reserve personnel to enhance their training and education programs, and for use in conjunction with the U.S.S. *Cabot/Dedalo*. The Navy refused to develop or identify any need for these monies despite the Committee's guidance to the contrary. The Committee has, therefore, included bill language directing that \$2,000,000 in available O&M funds be used for the U.S.S. *Cabot/Dedalo*. The \$2,000,000 will be available as a grant and provided to the Cabot/Dedalo Museum Foundation.

U.S.S. "TURNER JOY"

The Committee has included a general provision waiving the 60-day Congressional review period prior to transfer of the obsolete destroyer U.S.S. *Turner Joy* to the Bremerton Historic Ships Association for use as a museum. The transfer is not controversial, but is required due to the likely date of adjournment. This could delay transfer unnecessarily for several months.

MINE HUNTER COASTAL BASING

The Committee continues to support the Navy's decision to homeport MHC-52 and MHC-55 in Astoria, Oregon. The Committee is concerned, however, that the Navy has not yet moved forward on selecting a site in Astoria for homeporting these vessels. The Committee directs the Navy, in consultation with the State and local governments, to move expeditiously to resolve any outstanding issues in the development of an appropriate location so that the site will be ready for homeporting two MHCs in Astoria starting in 1992.

The State of Oregon has already committed significant financial resources to assist in developing South Tongue Point for the Navy. Preliminary design, environmental and financial feasibility studies funded by the State are underway. While the Committee is aware of the Navy's ongoing force level review, that review should not be allowed to stand in the way of preparing a site in Astoria for the MHCs. The MHC program is a vital and long overdue addition to our naval force. The Committee directs the Navy to develop, in cooperation with the State of Oregon, a site analysis of South Tongue Point for consideration of MHC basing. This analysis shall include a strategy for site development and for long-term lease of facilities. A status report should be delivered to the Committee by January 15, 1991, including a recommendation on which Astoria site is best suited for the MHC basing.

WEST COAST RESERVE SHIPS

The Committee agrees that short term repair for West Coast Reserve ships should be solicited only in the homeport area if adequate competition exists. This action allows the Secretary to manage West Coast ship maintenance operations on the same basis as those on the Gulf and East Coast. However, in light of the growing potential to transfer larger numbers of active Navy fleet vessels

sels to the Reserves, the Department should re-examine this issue if adequate competition and workload is not distributed evenly among the West Coast yards.

NEW THREAT UPGRADE

The Committee understands the Navy plans to compete the two unassigned, non-nuclear New Threat Upgrades in fiscal year 1991 and has provided funds for these upgrade packages. The Committee supports the Navy's plan to provide full and open competition between the public and private shipyards for these overhauls and expects that plan to be fulfilled.

PARLIAMENTARY BUILDING

The Committee included a general provision providing not less than \$5,000,000 for a parliamentary building in the Solomon Islands. The funds are not to be obligated or expended until authorized.

OPERATION AND MAINTENANCE, MARINE CORPS

Fiscal year 1990 appropriation.....	\$1,657,719,000
Fiscal year 1991 request.....	1,948,100,000
Committee recommendation.....	1,886,280,000
Change.....	-61,820,000

The Committee notes that the recommended level is \$54,980,000 over the House authorized level of \$1,831,300,000. This amount may not be obligated or expended until authorized by law. The following table summarizes the specific adjustments to the fiscal year 1991 request.

[Dollars in thousands]	
General Purpose Forces.....	\$1,054,644
Central Supply.....	493,729
Commissary Consolidation.....	(-2,000)
Training and Other General Personnel Activities.....	261,584
Recruiting and Advertising.....	(-17,400)
Administration and Associated Activities.....	118,473
Civilian Manpower.....	-23,150
Troop Reduction.....	(-1,750)
FY 90 Personnel Freeze Savings.....	(-15,000)
Foreign National Employees.....	(-6,400)
Acquisition Savings.....	-2,000
Spare Parts Purchases.....	-14,000
Non-tactical Vehicles Operations.....	-3,000
Total, Marine Corps.....	\$1,886,280

OPERATION AND MAINTENANCE, AIR FORCE

Fiscal year 1990 appropriation.....	\$21,806,213,000
Fiscal year 1991 request.....	22,048,900,000
Committee recommendation.....	20,460,532,000
Change.....	-1,588,368,000

The Committee notes that the recommended level is \$70,753,000 over the House authorized level of \$20,389,799,000. This amount may not be obligated or expended until authorized by law. The following table summarizes the specific adjustments to the fiscal year 1991 request.

[Dollars in thousands]	
Strategic Forces.....	3,047,590
Management Headquarters.....	(-6,900)
General Purpose Forces.....	4,765,242
Other Command and Control.....	(-3,812)
Base Operations.....	(-16,000)
Base Operations--Europe.....	(-25,000)
Telecom and Comd Control Prog.....	(-25,000)
USAFE TACS/Warrior Prep Center.....	(-8,400)
RPMA--Europe and Pacific.....	(-111,000)
Intelligence and Communications Programs.....	2,784,232
Other Communications.....	(-9,000)
Service-Wide Activities.....	(-4,846)
Airlift.....	1,289,501
Training and Other General Personnel Activities.....	1,539,765
Recruiting and Advertising.....	(-14,100)
Other Professional Education.....	(-14,660)
Civilian Training/Education Development.....	(-16,880)
Training Support Activities.....	(-9,512)
Base Operations Support.....	(-11,440)
Medical Programs.....	2,366,537
CHAMPUS.....	(+151,000)
Central Supply.....	2,846,190
Headquarters Command.....	(-2,516)
Acquisition and Command Support.....	(-6,435)
Commissary Operations.....	(-25,000)
Base Operations Support.....	(-16,996)
Depot Maintenance.....	2,605,572
Minuteman Weapon System.....	(-16,900)
Administration and Associated Activities.....	521,623
Departmental Headquarters.....	(-14,000)
Service-Wide Support.....	(-6,103)
Personnel Activities.....	(-10,307)
Base Operating Support.....	(-7,000)
Guard/Reserve offset.....	(-43,300)
Support to Other Nations.....	11,541
Minor Construction.....	-31,567
Travel.....	-130,000
A-76 Reviews.....	-24,000
Civilian Manpower.....	-290,287
Troop Reduction.....	(-146,400)
FY 90 Personnel Freeze Savings.....	(-17,887)
Foreign National Employees.....	(-126,000)
Other O&M/Troop Reduction.....	-107,146
Electronic Combat Test Capability.....	-500
Classified Programs.....	-75,361
ADP Programs.....	-75,000
CALS.....	20,000
Real Property Maintenance.....	-116,000
Environmental, Base closure, MilCon.....	-10,700
Acquisition Savings.....	-20,000
Stock Fund & Materiel Purchases.....	-425,700
Non-tactical Vehicles Operations.....	-13,000
Household Goods Shipments.....	-18,000
Total, Air Force.....	\$20,460,532

UNLIQUIDATED OBLIGATIONS

In the fiscal year 1990 report, the Committee expressed concerns about system deficiencies that allowed overpayments to contractors and sloppy bookkeeping at the Air Force's five Air Logistics Centers. The Committee understands that the Department has implemented several Defense Management Review initiatives to improve financial operations and correct system problems. Similar prob-

lems have been identified at Air Force Systems Command (AFSC). However, AFSC is not aware of the magnitude of negative unliquidated obligations in its accounting records. Two activities under AFSC had over \$400 million of negative unliquidated obligations recorded in their accounting records. At least \$50 million of this account is over two years old. The Committee hopes that the Defense Management Review recognizes the scope of the problems and addresses them. Accordingly, DOD is directed to report back to the Committee prior to the fiscal year 1992 budget hearings on the specific actions it has taken or plans to take to correct system problems and reduce negative unliquidated obligations.

ANDERSEN AIR FORCE BASE

The Committee has included a general provision requiring the procurement of at least one-third of the liquid gas requirements from commercial sources on Guam.

WARRIOR PREPARATION CENTER/TACTICAL AIR CONTROL SYSTEM

The Committee was asked by the Department to reduce specific missions where possible, instead of making across the board Operation and maintenance reductions. The Committee suggests two Air Force programs in Europe; one that it believes is obsolete and the other never initially justified to Congress. The Committee has questioned the Air Force on these two programs and now believes that the Warrior Preparation Center in West Germany should never have been started without Congressional approval and that the Tactical Air Control System presently stationed in Europe is an obsolete 1950 vintage radar system that should be shut down. Therefore, the Committee recommends that both programs be terminated immediately and has reduced the Air Force Operation and Maintenance account accordingly.

MILITARY FAMILY SERVICES

The Committee directs that within the funds available to the Air Force, \$3,000,000 shall be available only to continue the military family services project which Congress approved in fiscal years 1989 and 1990.

OPERATION AND MAINTENANCE, DEFENSE AGENCIES

Fiscal year 1990 appropriation.....	\$7,800,156,000
Fiscal year 1991 budget request.....	8,663,100,000
Committee recommendation.....	8,510,559,000
Change.....	- 152,541,000

The Committee recommends an appropriation of \$8,510,559,000 for Operation and Maintenance, Defense Agencies. The recommendation is an increase of \$710,403,000 above the \$7,800,156,000 in total obligational authority for fiscal year 1990. The following table summarizes the specific adjustments to the fiscal year 1991 request by individual agency.

(Dollars in thousands)

Defense Logistics Agency (DLA).....	- 24,000
A-76 Reviews.....	(- 5,000)

Stockpile Operations.....	(- 15,000)
ADP Maintenance.....	(- 4,000)
DOD Dependents Education (DODDE).....	+ 4,150
Facility Upgrade/Renovation in Europe.....	(- 6,000)
Impact Aid.....	(+ 10,000)
Street Law Course.....	(+ 150)
Defense Technology Security Administration (DTSA).....	- 4,335
HI-TRAC 90 Postponement.....	(- 4,335)
Joint Chiefs of Staff (JCS).....	- 19,015
Facility Upgrade.....	(- 690)
Level of Effort.....	(- 18,325)
Office, Economic Adjustment (OEA).....	+ 3,400
New Requirements.....	(+ 3,400)
Joint Recruiting/Advertising Program (JRAP).....	- 8,921
On-site Inspection Agency (OSIA).....	- 8,000
Budget formulation.....	(- 8,000)
Uniformed Services Univ. of the Health Sciences (USUHS).....	- 9,100
Level of Effort.....	(- 5,000)
Army Transfer.....	(- 4,100)
U.S. Special Operations Forces.....	- 71,400
Acquisition/Civilian Manpower.....	(- 1,900)
Guard/Reserve Offset.....	(- 69,500)
Washington Headquarters Service.....	- 25,000
Level of Effort.....	(- 25,000)
Classified Programs.....	- 72,420
Civilian Manpower.....	- 41,000
Administrative ADP.....	- 25,000
Communications.....	- 10,000
Training and Education.....	- 2,000
Real Property Maintenance.....	- 19,900
Acquisition.....	- 20,000
Economic Assistance.....	+ 200,000
Total.....	- 152,541

AMERICAN FORCES INFORMATION SERVICE (AFIS)

The Committee is supportive of the outstanding work that the American Forces Information Service has done to bring the best and latest news and entertainment to our forces stationed around the world, including those deployed for Operation Desert Shield.

The Committee is concerned, however, that outside agencies may want to use AFIS for purposes other than originally intended. Therefore, a general provision has been added to ensure that AFIS services are not used for national or international political or psychological activities.

DEFENSE LOGISTICS AGENCY

Stockpile Operations.—Since the transfer of the National Defense Stockpile operations to the Defense Logistics Agency, it has been in transition—undergoing major personnel and administrative changes. In order to save overhead and administrative costs, it is time to incorporate this operation into the Defense Logistics Agency since DLA already performs like functions. Therefore, the Committee recommends a reduction of \$15,000,000 for operation and maintenance of the stockpile and encourages DLA to begin working on their plans to consolidate stockpile storage sites and reorganize the personnel involved.

As a related issue, the Committee has not approved and does not plan to approve any request by the Department to transfer funds from the National Defense Stockpile Transaction Fund to other

equipment of all types to provide fixed, semi-fixed, and mobile strategic and tactical communications equipment; (c) other support equipment, such as chemical defensive equipment, tactical bridging, shop sets, construction equipment, floating and rail equipment, generators and power units, material handling equipment, medical support equipment, special equipment for user testing, and non-system training devices. In each of these activities funds are also included for modification of inservice equipment, investment spare and repair parts, and production base support.

PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 1991:

(IN THOUSANDS OF DOLLARS)					
	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY
OTHER PROCUREMENT, ARMY					
TACTICAL AND SUPPORT VEHICLES					
TACTICAL VEHICLES		8,619		8,619	
TACTICAL TRAILERS/DOLLY SETS		16,146		16,146	
SEMI-TRAILER FOR 8000 CONT TRAMS 22 1/2 T	894	16,146	894	16,146	
SEMI-TRAILER, TANK, 8000C		252,374	8,262	252,374	+406
HI MOB MULTI-PURP WHELD VEH (MOMV) (MVP)	8,262	252,374	8,262	252,374	
SMALL UNIT SUPPORT VEHICLE (SUVP)	187	27,031			-187
FAMILY OF MEDICAL TACTICAL VEH (MTPV)	382	84,330			-382
HEAVY EQUIPMENT TRANSPORTER S-1		100,777		100,777	
FAMILY OF MEDICAL TACTICAL VEH (MTPV)	404	182,876	404	182,876	
TRUCK, TACTICAL, 8000C, 8000C		1,000		1,000	
REPLACEMENT OF 10 S-1 EQUIP		1,000		1,000	
ITEMS LESS THAN \$2 DM (TAC VEH)		1,000		1,000	
TOTAL TACTICAL AND SUPPORT VEHICLES		644,819		644,819	
COMMUNICATIONS AND ELECTRONICS EQUIPMENT					
COMM - JOINT COMMUNICATIONS		4,900		4,900	
JCS EQUIPMENT (JCSREDCOM)		4,900		4,900	
COMM - SATELLITE COMMUNICATIONS		40,338		40,338	
DEFENSE SATELLITE COMMUNICATIONS SYSTEM	2	1,001	2	1,001	
DMF CONTROL		29,383		29,383	
NAVSTAR USER EQUIPMENT		9,954		9,954	
MOD OF IN-SVC EQUIP (TAC SAT)		9,954		9,954	
COMM - C3 SYSTEM		2,396		2,396	
EUROPEAN COMMAND CENTERS		4,403		4,403	
SECURE CONFERENCE PROJECT		1,001		1,001	
SOUTHEAST C3 UPGRADE		9,954		9,954	
USAREUR TACTICAL COMD & CONTROL SYS		20,992		20,992	
ARMY INFORMATION SYSTEMS (ARIS)		20,992		20,992	
COMM - COMBAT COMMUNICATIONS		23,184		23,184	
ARMY DATA DISTRIBUTION SYSTEM (ADDS)		20,267		20,267	
MOBILE SUBSCRIBER EQUIP (MSE)		311,328		311,328	
SINCGARS FAMILY		24,825		24,825	
EAC COMMUNICATIONS		27,679		27,679	
MOD OF IN-SVC EQUIP (EAC COMM)		27,679		27,679	
COMM - COMMUNICATIONS SECURITY		6,300		6,300	
TSEC - TRUM ENCRYPTION DEVICES (TED)		11,268		11,268	
TSEC - 88 DEU LOOP ENCRYP DEV		8,018		8,018	
TSEC - 88 WINTERM		8,389		8,389	
ITEMS LESS THAN \$2 DM (COMSEC)		1,779		1,779	
TSEC - SEC VOICE (MVPV) (COMSEC)		1,779		1,779	
COMM - LONG HAUL COMMUNICATIONS		6,946		6,946	
TERRESTRIAL TRANSMISSION		2,412		2,412	
C-E FACILITIES/PROJECTS		2,718		2,718	
DEFENSE DATA NETWORK (DDN)		416		416	
ELECTRONIC COMP PROG (ECMP)		4,186		4,186	
WM TECH CON IMP PROG (WMTCP)		4,186		4,186	
COMM - BASE COMMUNICATIONS		29,888		29,888	
INFORMATION SYSTEMS		2,608		2,608	
AR TELECOM AUTO PROG (ATCAP)		823		823	
LOCAL AREA NETWORK (LAN)		3,453		3,453	
PENTAGON TELECOM CTR (PTC)		3,453		3,453	
ELECT EQUIP - NAT FOR INT PROG (MVP)		203		203	
FOREIGN COUNTERINTELLIGENCE PROG (FCI)		29,726		29,726	
GENERAL DEFENSE INTELLIGENCE PROGRAM (GDIP)		29,726		29,726	
ELECT EQUIP - TACT INT REL ACT (TIARA)		89,338		89,338	
ALL SOURCE ANALYSIS SYS (ASAS) (TIARA)	10	8,877	10	8,877	
COMMANDERS TACTICAL TERMINAL (CTT) (TIARA)		8,877		8,877	
IMAGERY PROCESSING SYSTEM (IPS) (TIARA)		3,049		3,049	
TAC ELEC SURV SYS (TESS) (TIARA)		4,891		4,891	
TRAJAN (TIARA)		14,426		14,426	
MOD OF IN-SVC EQUIP (INTEL SPT) (TIARA)		8,068		8,068	
ITEMS LESS THAN \$2 DM (INTEL SPT)		8,068		8,068	
ELECT EQUIP - ELECTRONIC WARFARE (EW)		526		526	
TACTICAL DECEPTION DEVICE (TAC-D)		526		526	
ELECT EQUIP - TACTICAL SURV. (TAC SURV)		2,196		2,196	
TRACTOR CRASH		82,189		82,189	
NIGHT VISION DEVICES		11,777		11,777	
PHYSICAL SECURITY SYSTEMS		10,839		10,839	
RADIATION MONITORING SYSTEMS		14,582		14,582	
MOD OF IN-SVC EQUIP (TAC SURV)		14,582		14,582	
ELECT EQUIP - TACTICAL C3 SYSTEMS		13,172		13,172	
COMBAT/HEATER, ADV. SVC. ICL (CLABCL)		10,749		10,749	
FORWARD ENTRY DEVICE (FED)		10,749		10,749	
LIFE CYCLE SOFTWARE SUPPORT (LCSS)		8,336		8,336	
LOGTECH		8,336		8,336	
NAVSTAR CONTROL SYS (MCS)		16,733		16,733	
TACTICAL ARMY CSS COMPUTER SYS (TACCS)		16,733		16,733	
ELECT EQUIP - AUTOMATION		64,783		64,783	
AUTOMATED DATA PROCESSING EQUIP		64,783		64,783	
ELECT EQUIP - AUDIO VISUAL SYS (AVS)		6,893		6,893	
AVTS		2,093		2,093	
ITEMS LESS THAN \$2 DM (AVS)		2,093		2,093	
ELECT EQUIP - TEST MEASUREMENT EQUIP (TMEQ)		13,864		13,864	
CALIBRATION SETS EQUIPMENT		33,987		33,987	
INTEGRATED FAMILY OF TEST EQUIP (IFTE)		19,862		19,862	
TIME MODERNIZATION (TMO)		19,862		19,862	

DATE	DESCRIPTION	AMOUNT	CITY	STATE	ZIP	NAME	ADDRESS	CITY	STATE	ZIP
10/15/80	RECEIVED FROM	100.00	NEW YORK	NY	10001	JOHN DOE	123 MAIN ST	NEW YORK	NY	10001
10/16/80	PAID TO	50.00	NEW YORK	NY	10001	JANE SMITH	456 E 1ST ST	NEW YORK	NY	10001
10/17/80	RECEIVED FROM	200.00	NEW YORK	NY	10001	JOHN DOE	123 MAIN ST	NEW YORK	NY	10001
10/18/80	PAID TO	75.00	NEW YORK	NY	10001	JANE SMITH	456 E 1ST ST	NEW YORK	NY	10001
10/19/80	RECEIVED FROM	150.00	NEW YORK	NY	10001	JOHN DOE	123 MAIN ST	NEW YORK	NY	10001
10/20/80	PAID TO	60.00	NEW YORK	NY	10001	JANE SMITH	456 E 1ST ST	NEW YORK	NY	10001
10/21/80	RECEIVED FROM	180.00	NEW YORK	NY	10001	JOHN DOE	123 MAIN ST	NEW YORK	NY	10001
10/22/80	PAID TO	90.00	NEW YORK	NY	10001	JANE SMITH	456 E 1ST ST	NEW YORK	NY	10001
10/23/80	RECEIVED FROM	220.00	NEW YORK	NY	10001	JOHN DOE	123 MAIN ST	NEW YORK	NY	10001
10/24/80	PAID TO	110.00	NEW YORK	NY	10001	JANE SMITH	456 E 1ST ST	NEW YORK	NY	10001
10/25/80	RECEIVED FROM	190.00	NEW YORK	NY	10001	JOHN DOE	123 MAIN ST	NEW YORK	NY	10001
10/26/80	PAID TO	80.00	NEW YORK	NY	10001	JANE SMITH	456 E 1ST ST	NEW YORK	NY	10001
10/27/80	RECEIVED FROM	210.00	NEW YORK	NY	10001	JOHN DOE	123 MAIN ST	NEW YORK	NY	10001
10/28/80	PAID TO	100.00	NEW YORK	NY	10001	JANE SMITH	456 E 1ST ST	NEW YORK	NY	10001
10/29/80	RECEIVED FROM	230.00	NEW YORK	NY	10001	JOHN DOE	123 MAIN ST	NEW YORK	NY	10001
10/30/80	PAID TO	120.00	NEW YORK	NY	10001	JANE SMITH	456 E 1ST ST	NEW YORK	NY	10001
10/31/80	RECEIVED FROM	240.00	NEW YORK	NY	10001	JOHN DOE	123 MAIN ST	NEW YORK	NY	10001
10/32/80	PAID TO	130.00	NEW YORK	NY	10001	JANE SMITH	456 E 1ST ST	NEW YORK	NY	10001
10/33/80	RECEIVED FROM	250.00	NEW YORK	NY	10001	JOHN DOE	123 MAIN ST	NEW YORK	NY	10001
10/34/80	PAID TO	140.00	NEW YORK	NY	10001	JANE SMITH	456 E 1ST ST	NEW YORK	NY	10001
10/35/80	RECEIVED FROM	260.00	NEW YORK	NY	10001	JOHN DOE	123 MAIN ST	NEW YORK	NY	10001
10/36/80	PAID TO	150.00	NEW YORK	NY	10001	JANE SMITH	456 E 1ST ST	NEW YORK	NY	10001
10/37/80	RECEIVED FROM	270.00	NEW YORK	NY	10001	JOHN DOE	123 MAIN ST	NEW YORK	NY	10001
10/38/80	PAID TO	160.00	NEW YORK	NY	10001	JANE SMITH	456 E 1ST ST	NEW YORK	NY	10001
10/39/80	RECEIVED FROM	280.00	NEW YORK	NY	10001	JOHN DOE	123 MAIN ST	NEW YORK	NY	10001
10/40/80	PAID TO	170.00	NEW YORK	NY	10001	JANE SMITH	456 E 1ST ST	NEW YORK	NY	10001
10/41/80	RECEIVED FROM	290.00	NEW YORK	NY	10001	JOHN DOE	123 MAIN ST	NEW YORK	NY	10001
10/42/80	PAID TO	180.00	NEW YORK	NY	10001	JANE SMITH	456 E 1ST ST	NEW YORK	NY	10001
10/43/80	RECEIVED FROM	300.00	NEW YORK	NY	10001	JOHN DOE	123 MAIN ST	NEW YORK	NY	10001
10/44/80	PAID TO	190.00	NEW YORK	NY	10001	JANE SMITH	456 E 1ST ST	NEW YORK	NY	10001
10/45/80	RECEIVED FROM	310.00	NEW YORK	NY	10001	JOHN DOE	123 MAIN ST	NEW YORK	NY	10001
10/46/80	PAID TO	200.00	NEW YORK	NY	10001	JANE SMITH	456 E 1ST ST	NEW YORK	NY	10001
10/47/80	RECEIVED FROM	320.00	NEW YORK	NY	10001	JOHN DOE	123 MAIN ST	NEW YORK	NY	10001
10/48/80	PAID TO	210.00	NEW YORK	NY	10001	JANE SMITH	456 E 1ST ST	NEW YORK	NY	10001
10/49/80	RECEIVED FROM	330.00	NEW YORK	NY						

AIRCRAFT REPAIR EQUIPMENT	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 878	10 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BLANKET NO. 0001	QTY	AMOUNT	QTY	AMOUNT
0001	1	1.00	1	1.00
0002	1	1.00	1	1.00
0003	1	1.00	1	1.00
0004	1	1.00	1	1.00
0005	1	1.00	1	1.00
0006	1	1.00	1	1.00
0007	1	1.00	1	1.00
0008	1	1.00	1	1.00
0009	1	1.00	1	1.00
0010	1	1.00	1	1.00
0011	1	1.00	1	1.00
0012	1	1.00	1	1.00
0013	1	1.00	1	1.00
0014	1	1.00	1	1.00
0015	1	1.00	1	1.00
0016	1	1.00	1	1.00
0017	1	1.00	1	1.00
0018	1	1.00	1	1.00
0019	1	1.00	1	1.00
0020	1	1.00	1	1.00
0021	1	1.00	1	1.00
0022	1	1.00	1	1.00
0023	1	1.00	1	1.00
0024	1	1.00	1	1.00
0025	1	1.00	1	1.00
0026	1	1.00	1	1.00
0027	1	1.00	1	1.00
0028	1	1.00	1	1.00
0029	1	1.00	1	1.00
0030	1	1.00	1	1.00
0031	1	1.00	1	1.00
0032	1	1.00	1	1.00
0033	1	1.00	1	1.00
0034	1	1.00	1	1.00
0035	1	1.00	1	1.00
0036	1	1.00	1	1.00
0037	1	1.00	1	1.00
0038	1	1.00	1	1.00
0039	1	1.00	1	1.00
0040	1	1.00	1	1.00
0041	1	1.00	1	1.00
0042	1	1.00	1	1.00
0043	1	1.00	1	1.00
0044	1	1.00	1	1.00
0045	1	1.00	1	1.00
0046	1	1.00	1	1.00
0047	1	1.00	1	1.00
0048	1	1.00	1	1.00
0049	1	1.00	1	1.00
0050	1	1.00	1	1.00
0051	1	1.00	1	1.00
0052	1	1.00	1	1.00
0053	1	1.00	1	1.00
0054	1	1.00	1	1.00
0055	1	1.00	1	1.00
0056	1	1.00	1	1.00
0057	1	1.00	1	1.00
0058	1	1.00	1	1.00
0059	1	1.00	1	1.00
0060	1	1.00	1	1.00
0061	1	1.00	1	1.00
0062	1	1.00	1	1.00
0063	1	1.00	1	1.00
0064	1	1.00	1	1.00
0065	1	1.00	1	1.00
0066	1	1.00	1	1.00
0067	1	1.00	1	1.00
0068	1	1.00	1	1.00
0069	1	1.00	1	1.00
0070	1	1.00	1	1.00
0071	1	1.00	1	1.00
0072	1	1.00	1	1.00
0073	1	1.00	1	1.00
0074	1	1.00	1	1.00
0075	1	1.00	1	1.00
0076	1	1.00	1	1.00
0077	1	1.00	1	1.00
0078	1	1.00	1	1.00
0079	1	1.00	1	1.00

	1970	1971	1972
PRODUCTIVE PRODUCT	30,134	30,134	30,134
PRODUCTIVE INVESTMENT (P.I.)	596	596	596
PROD. IN. INVEST. FUND (P.I.F.)	737,161	737,161	737,161
TOTAL, PROD. AND COMMOD. SUPPORT EQUIPMENT	736,577	736,577	736,577
SPARE & REPAIR PARTS	821,878	821,878	821,878
SPARE & REPAIR PARTS	18,000	18,000	18,000
REPAIRS	413,378	413,378	413,378
REPAIRS	821,878	821,878	821,878
TOTAL, SPARE AND REPAIR PARTS	821,878	821,878	821,878
TOTAL, OTHER PROCUREMENT, MAINT.	8,081,000	8,081,000	8,081,000
	8,344,911	8,344,911	8,344,911
	-736,611	-736,611	-736,611

The Committee concurs in the following adjustments made to authorization action:

Program

Ship Support Equipment:		
Reduction, Reduced Forces:		-\$76,600
Reduction, Excess Reprogramming:		-47,800
Communication and Electronics:		
Reduction, Reduced Forces:		-115,600
Reduction, Excess Reprogramming:		-72,100
AN/SQS-48 Radar:	1,007	49,907
Naval Intel Processing System:	\$11,705	5,705
INDEX B:	20,689	15,689
Ordnance Support Equipment:		
Reduction, Reduced Forces:		-34,400
Reduction, Excess Reprogramming:		-21,400
Oceanographic Support Equip:	0	35,000
Spare & Repair Parts:		
Reduction Reduced Forces:		-29,800
Reduction, Excess Reprogramming:		-18,600

UNDERWAY REPLENISHMENT EQUIPMENT

The Navy budgeted \$11,214,000 for the Underway Replenishment Equipment program. This request is an increase of sixty percent from the fiscal year 1990 level. Because of fiscal constraints a significant requested increase, the Committee recommends a total of \$9,214,000, a reduction of \$2,000,000 from the budget request. This level still provides a substantial increase from the current year.

CHAFF PRODUCTION BASE

In the "air expendable countermeasures" element of the Navy's procurement budget (line number 191) for fiscal year 1991, the Committee is concerned that inadequate funds are available to maintain a competitive chaff industry capable of meeting military requirements. Since the nation's chaff industry is perilously close to shutdown, the Committee directs that no less than \$30 million be appropriated from the above referenced program element for aircraft dispensed chaff production in fiscal year 1991. In addition, the Committee prohibits the Navy, the tri-services purchaser of chaff, from engaging in the off-shore purchase of this sensitive electronic warfare product.

WEAPONS RANGE SUPPORT EQUIPMENT

The Navy budgeted \$52,537,000 for Weapons Range Support Equipment program. Within the subprograms for threat emitters and system modifications, cost estimates were overstated, due to use of inflation indices higher than prescribed in OSD budget instructions. The Committee recommends a total of \$51,537,000 for this program, a reduction of \$1,000,000 from the budget request.

TARTAR SUPPORT EQUIPMENT

The Navy budgeted \$19,508,000 for TARTAR Support Equipment within the category of Ship Missile Systems Equipment. The Committee notes that installation costs funded in past appropriations were mistakenly included for this line item in the fiscal year 1991 request. Thus, the Committee recommends a total of \$13,708,000 for this program, a reduction of \$5,800,000 from the budget request.

CIVIL ENGINEERING SUPPORT EQUIPMENT

CONSTRUCTION AND MAINTENANCE EQUIPMENT

The Navy budgeted \$7,505,000 for Construction and Maintenance Equipment. The Committee recommends a total of \$9,105,000 for the program, an increase of \$1,600,000 from the budget request. The increased funds are for the procurement of automatic building machines. These machines provide the capability to provide low cost, quickly assembled facilities for various purposes. The Committee recommends that the Marine Corps consider including these types of machines in their Maritime Pre-Positioning Ship (MPS) program. This would enable the Marines to rapidly provide shelter for equipment which they deploy off of the MPS ships.

SUPPLY SUPPORT EQUIPMENT

FORKLIFT TRUCKS

The Navy requested \$14,120,000 for the procurement of Forklift trucks. This request is more than double the fiscal year 1990 level. Because of fiscal constraints and the large size of the requested increase, the Committee recommends a total of \$12,120,000 for this program, a reduction of \$2,000,000 from the budget request.

FIRST DESTINATION TRANSPORTATION

The Navy budgeted \$58,000,000 for First Destination Transportation which involves the cost of transporting newly manufactured equipment to the base where it is to be deployed. Because of reductions made in various programs within the Other Procurement, Navy program, the Committee recommends a total of \$55,400,000 for this program, a reduction of \$2,600,000 from budget request.

PERSONNEL AND COMMAND SUPPORT EQUIPMENT

TRAINING DEVICE MODIFICATIONS

The Navy budgeted \$38,659,000 for Training Device Modifications. This program upgrades existing ship system training devices. The Committee recommends a total of \$50,659,000 for this program, an increase of \$12,000,000. The increased funds are for the completion of upgrades for four pierside training devices.

EDUCATION SUPPORT EQUIPMENT

The Navy budgeted \$7,888,000 for Education Support Equipment. The Committee is supportive of this program, but notes that in a number of years, there has been a pattern of very high unobligated balances in the program. Based on this pattern of high unobligated balances over a number of years, the Committee recommends a total of \$5,688,000 for this program, a reduction of \$2,200,000 from the budget request.

PHYSICAL SECURITY EQUIPMENT

The Navy requested \$22,941,000 for Physical Security Equipment. The Committee is supportive of this program but notes there has been a pattern over the years of a high rate of unobligated balances in this program. Based on this pattern of unobligated balances, the Committee recommends a total of \$19,741,000 for this program, a reduction of \$3,200,000 from the budget request.

COMPUTER ACQUISITION PROGRAM

The Navy budgeted \$106,339,000 for the Computer Acquisition Program. The Committee recommends a total of \$57,939,000, a reduction of \$48,400,000 from the budget request. Details on the Committee's recommendations appear in the ADP section of this report.

FF1052 MODERNIZATION

Because of various adjustments in the force structure that were made by the Congress through its action on the fiscal year 1990 Defense Appropriations bill, the Navy will be making some adjustments in its overall fleet size. Various categories of ships are candidates for being withdrawn from the active fleet and/or transferred to the Naval Reserve. The Committee recommends that, where available funds, the Navy should proceed with an ASW modernization program for those FF1052 Frigates which remain in the active fleet. The Committee has included funds in the Guard and Reserve

Equipment account for ASW modernization of FF1052's in the Reserve Fleet.

PROCUREMENT, MARINE CORPS

Appropriations, 1990.....	\$1,213,792,000
New obligational authority, 1991:	
Estimate.....	782,100,000
Recommended.....	726,637,000
Decrease.....	55,463,000

This appropriation provides the Marine Corps with funds for procurement, delivery, and modification of missiles, armament, ammunition, communication equipment, tracked and wheeled vehicles, and various support equipment.

PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 1991:

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST QTY.	AMOUNT	COMMITTEE RECOMMENDED QTY.	AMOUNT	CHANGE FROM R QTY.
PROCUREMENT, MARINE CORPS					
AMMUNITION					
8 56 MM. ALL TYPES	--	30,889	--	30,889	--
7 52 MM. ALL TYPES	--	8,287	--	8,287	--
LINEAR CHARGES, ALL TYPES	--	882	--	882	--
50 CALIBER	--	18,843	--	18,843	--
40 MM. ALL TYPES	--	28,889	--	28,889	--
60 MM. ALL TYPES	--	10,881	--	10,881	--
60 MM. SAWEE RP	--	3,027	--	3,027	--
60 MM. HE. M262	--	5,881	--	5,881	--
60 MM. HE. M262	--	3,809	--	3,809	--
60 MM. HE. M262	--	3,311	--	3,311	--
120MM HEAT GP-1 M2630	--	18,037	--	18,037	--
120MM HEAT GP-1 M2630	--	13,138	--	13,138	--
120MM HEAT GP-1 M2630	--	18,849	--	18,849	--
120MM HEAT GP-1 M2630	--	12,826	--	12,826	--
120MM HEAT GP-1 M2630	--	8,161	--	8,161	--
120MM HEAT GP-1 M2630	--	7,847	--	7,847	--
120MM HEAT GP-1 M2630	--	4,813	--	4,813	--
120MM HEAT GP-1 M2630	--	4,376	--	4,376	--
120MM HEAT GP-1 M2630	--	18,888	--	18,888	--
120MM HEAT GP-1 M2630	--	7,834	--	7,834	--
120MM HEAT GP-1 M2630	--	3,038	--	3,038	--
120MM HEAT GP-1 M2630	--	28,889	--	28,889	--
120MM HEAT GP-1 M2630	--	3,788	--	3,788	--
120MM HEAT GP-1 M2630	--	7,884	--	7,884	--
120MM HEAT GP-1 M2630	--	11,883	--	11,883	--
OTHER SUPPORT					
ITEMS LESS THAN \$2 MIL	--	3,329	--	3,329	--
TOTAL, AMMUNITION		284,881		284,844	-37
WEAPONS AND COMBAT VEHICLES					
TRACKED COMBAT VEHICLES					
AAV7A1 RLP	--	18,881	--	18,881	--
MODIFICATION KITS (TRKD VEH)	--	3,888	--	3,888	--
ITEMS UNDER \$2M (TRKD VEH)	--	322	--	322	--
ARTILLERY AND OTHER WEAPONS					
ITEMS UNDER \$2M (ALL OTHER)	--	1,700	--	1,700	--
WEAPONS					
MACHINE GUN, 50 CAL M2	463	4,164	463	4,164	--
M-16 4MM MACHINE GUN	1,181	17,327	1,181	17,327	--
TOTAL, WEAPONS AND COMBAT VEHICLES		48,454		48,454	--
GUIDED MISSILES AND EQUIPMENT					
GUIDED MISSILES					
NAAM MOD	--	8,889	--	8,889	--
TCM (MYP)	882	10,118	882	10,118	--
OTHER SUPPORT					
MODIFICATION KITS	--	280	--	280	--
TOTAL, GUIDED MISSILES AND EQUIPMENT		18,286		18,286	--
COMMUNICATIONS AND ELECTRONICS EQUIPMENT					
MANPACK RADIOS					
MANPACK RADIOS AND EQUIP	--	2,346	--	2,346	--
VEHICLE MOUNTED RADIOS AND EQUIPMENT					
VEHICLE MTD RADIOS & EQUIPMENT (MYP)	--	86,010	--	86,010	--
TELEPHONE AND TELETYPE EQUIPMENT					
UNIT LEVEL CIRCUIT SWITCH (ULCS)	--	32,874	--	32,874	--
TACT COMM CENTER EQUIP	--	7,818	--	7,818	--
AM/PSG 1 DIGITAL COMM TERMINAL	818	8,874	818	8,874	--
REPAIR AND TEST EQUIPMENT					
SWEEP GENERATOR	--	3,346	--	3,346	--
ELECTRONIC TEST EQUIP (TEL)	--	8,824	--	8,824	--
OTHER COMM/ELEC EQUIPMENT					
OTHER SUPPORT (TEL)					
MODIFICATION KITS (TEL)	--	7,804	--	7,804	--
ITEMS LESS THAN \$2M (TEL)	--	1,878	--	1,878	--
COMMAND & CONTROL SYSTEMS (NON-TEL)					
TACTICAL AIR OPER MODULE (TACOM)	8	47,422	8	47,422	--
INTELL/COMM EQUIPMENT (NON-TEL)					
LEWOD	28	8,843	28	8,843	--
INTELLIGENCE SUPPORT EQUIPMENT	--	4,344	--	4,344	--
MOD KITS (INTEL)	--	8,881	--	8,881	--
REPAIR & TEST EQUIPMENT (NON-TEL)					
ELECTRONIC COMM REPAIR FACILITY	8	3,483	8	3,483	--
RECH TEST TWO	--	1,237	--	1,237	--
ELECTRONIC TEST EQUIP (NONTEL)	--	1,882	--	1,882	--
THERMAL IMAGING EQUIPMENT	--	3,807	--	3,807	--
OTHER COMM/ELEC EQUIPMENT (NON-TEL)					
ADP EQUIPMENT	--	11,824	--	8,824	-3
OTHER SUPPORT (NON-TEL)					
TEST CAP. & MAINT SPT	--	1,424	--	1,424	--
MODIFICATION KITS (NONTEL)	--	2,843	--	2,843	--
ITEMS LESS THAN \$2M (NONTEL)	--	888	--	888	--
TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT		218,667		218,667	--
SUPPORT VEHICLES					
ADMINISTRATIVE VEHICLES					
COMMERCIAL PASSENGER VEHICLES	184	3,831	184	3,396	-435
COMMERCIAL CARGO VEHICLES	--	13,113	--	13,113	--
TACTICAL VEHICLES					
M478 TRUCK MAINTENANCE TELEPHONE/UTILITY	28	4,804	28	4,804	--
TRAILERS	--	2,121	--	2,121	--
OTHER SUPPORT					
MODIFICATION KITS	--	1,424	--	1,424	--

(IN THOUSANDS OF DOLLARS)

	BUDGET QTY	REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
OTHER PROCUREMENT, AIR FORCE						
MUNITIONS AND ASSOCIATED EQUIPMENT						
ROCKETS + LAUNCHERS						
3.75 INCH ROCKET MOTOR	82,780	16,788	82,780	16,788	---	---
7.75 INCH ROCKET HEAD - WP	53,088	2,488	53,088	2,488	---	---
ITEMS LESS THAN \$2,000,000	---	8,307	---	8,307	---	---
CARTRIDGES (THOUSANDS)						
8.55 MM	27,004	8,848	27,004	8,848	---	---
20 MM COMBAT	1,193	8,893	1,193	8,893	---	---
30MM TRAINING	14,214	38,807	14,214	38,807	---	---
50 MM TRAINING	8,810	48,843	8,810	48,843	---	---
SIGNAL BR-4 800 3	458	458	458	458	---	---
CART IMP 3000 FT/LBS	1,788	8,174	1,788	8,174	---	---
ITEMS LESS THAN \$2,000,000	---	17,043	---	17,043	---	---
BOMBS						
BR-62 INERT/BLU-80	87,704	23,906	87,704	23,906	---	---
BLU-48 INFLATABLE RETARDER	48,891	19,319	48,891	19,319	---	---
BOMB HARD TARGET 2000LB	---	---	---	---	---	---
LABOR BOMB GUIDANCE KIT	33	3,076	733	43,078	+700	+41,800
BRU-18	1812,280	28,386	1812,280	28,386	---	---
BOMB PRACTICE 25 POUND	33	3,076	733	43,078	---	---
BOMB PRACTICE BRU-36	24	104	24	104	---	---
BR-84 BOMB-EMPTY	14,308	27,788	14,308	27,788	---	---
BLU-84 BOMB-EMPTY	---	---	---	---	---	---
ITEMS LESS THAN \$2,000,000	---	4,048	---	4,048	---	---
OTHER ITEMS						
FLARE, 1R BRU-78	236,700	4,418	236,700	4,418	---	---
PARACHUTE FLARE LUU-2 B/B	4,284	1,397	4,284	1,397	---	---
BLU-23 FLARE	8,082	7,310	8,082	7,310	---	---
BLU-198	187,740	7,310	187,740	7,310	---	---
SPARES AND REPAIR PARTS	---	637	---	637	---	---
SPECIAL PROGRAMS	---	7,883	---	7,883	---	---
MODIFICATIONS	---	1,400	---	1,400	---	---
ITEMS LESS THAN \$2,000,000	---	17,733	---	17,733	---	---
FUSES						
PRU-138	41,112	33,404	41,112	33,404	---	---
OTHER WEAPONS						
81MM MORTAR	48	1,228	48	1,228	---	---
SQUAD AUTOMATIC WEAPON	1,200	2,648	1,200	2,648	---	---
8-16 AS RIFLE WEAPON	18,000	7,120	18,000	7,120	---	---
TOTAL, MUNITIONS AND ASSOCIATED EQUIPMENT	---	428,038	---	418,883	---	-12,155
VEHICULAR EQUIPMENT						
PASSENGER CARRYING VEHICLES						
SEDAN, 4 DR 4X2	148	1,284	---	---	-148	-1,284
STATION WAGON, 4X2	98	851	---	---	---	---
BUS, 28 PASSENGER	12	1,985	---	---	-12	-1,985
BUS INTERCITY	44	2,381	---	---	-44	-2,381
BUS, 44 PASSENGER	44	3,768	---	---	-44	-3,768
AMBULANCE, BUS	1	87	1	87	---	---
MODULAR AMBULANCE	14	728	14	728	---	---
14-23 PASSENGER BUS	4	146	---	---	---	---
LAW ENFORCEMENT VEHICLE	277	3,778	277	3,778	---	---
ARMORED SEDAN	4	700	4	700	---	---
CARGO + UTILITY VEHICLES						
TRUCK, STAKE/PLATFORM	306	4,608	306	4,608	---	---
TRUCK, CARGO-UTILITY, 3/4T, 4X2	214	3,788	214	3,788	---	---
TRUCK, CARGO-UTILITY, 1/2T, 4X2	201	3,812	201	3,812	---	---
TRUCK, PICKUP, 1/2T, 4X2	461	6,382	461	6,382	---	---
TRUCK, PICKUP, COMPACT	316	2,481	316	2,481	---	---
TRUCK MULTI-STOR 1 TON 4X2	308	8,240	308	8,240	---	---
TRUCK CARRYALL	330	718	330	718	---	---
MEDIUM TACTICAL VEHICLE	47	3,433	47	3,433	---	---
TRUCK TRACTOR, OVER ST	29	2,408	29	2,408	---	---
TRUCK, DUMP 5 TON	82	1,788	82	1,788	---	---
CAP VEHICLES	---	800	---	800	---	---
ITEMS LESS THAN \$2,000,000	---	11,190	---	11,190	---	---
SPECIAL PURPOSE VEHICLES						
TRUCK, TANK, 1200 GAL	28	1,428	28	1,428	---	---
TRUCK, TANK, 1000 GAL	318	2,810	318	2,810	---	---
TRACTOR, TOR, FLIGHTLINE	13	8,880	13	8,880	---	---
MOBILE MAINT UNIT	19	4,842	19	4,842	---	---
ITEMS LESS THAN \$2,000,000	---	13,817	---	13,817	---	---
FIRE FIGHTING EQUIPMENT						
TRUCK CRASH P-23(P-21)	49	22,837	49	22,837	---	---
TRUCK PUMPER P-24(P-8)	28	3,808	28	3,808	---	---
TRUCK PUMPER P-22(P-12)	24	2,910	24	2,910	---	---
ITEMS LESS THAN \$2,000,000	---	2,100	---	2,100	---	---
MATERIALS HANDLING EQUIPMENT						
TRUCK P/L 4000 LB C/D/D 144 INCH	96	4,163	96	4,163	---	---
TRUCK, P/L 6000 LB	123	3,348	123	3,348	---	---
TRUCK P/L 10,000 LB	263	13,488	263	13,488	---	---
25K FORKLIFT	47	488	47	488	---	---
25K A/C LOADER	41	8,072	41	8,072	---	---
ITEMS LESS THAN \$2,000,000	---	4,188	---	4,188	---	---
BASE MAINTENANCE SUPPORT						
CLEANER, RUMWAY/STREET	49	3,789	49	3,789	---	---
SPARES AND REPAIR PARTS	---	2,836	---	2,836	---	---
MODIFICATIONS	---	837	---	837	---	---
ITEMS LESS THAN \$2,000,000	---	10,176	---	10,176	---	---
TOTAL, VEHICULAR EQUIPMENT	---	178,702	---	164,878	---	-11,824
ELECTRONICS AND TELECOMMUNICATIONS EQUIP						
COMM SECURITY EQUIPMENT (CONSEC)						
CONSEC EQUIPMENT	---	77,007	---	77,007	---	---
SPARES AND REPAIR PARTS	---	4,310	---	4,310	---	---
MODIFICATIONS	---	1,858	---	1,858	---	---
INTELLIGENCE PROGRAMS						
INTELLIGENCE DATA HANDLING SYS	---	8,883	---	8,883	---	---
INTELLIGENCE TRAINING EQUIPMENT	---	7,374	---	7,374	---	---
INTELLIGENCE COMM EQUIP	---	1,448	---	1,448	---	---
ITEMS LESS THAN \$2,000,000	---	11,140	---	7,884	---	-3,196

(IN THOUSANDS OF DOLLARS)

	BUDGET QTY	REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
ELECTRONICS PROGRAMS						
AIR TRAFFIC CTRL/LAND SYS (ATCALS)	--	11,186	--	31,186	--	+20,000
TACTICAL AIR CONTROL SYS IMPROVE	--	232,927	--	232,927	--	--
WEATHER OBSERV/FORECAST	--	64,499	--	64,499	--	--
DEFENSE SUPPORT PROGRAM	--	68,786	--	68,786	--	--
STN-B RADAR	--	98,374	--	98,374	--	--
SAC COMMAND AND CONTROL	--	9,099	--	9,099	--	--
CHIEF OF MOUNTAIN COMPLEX	--	3,063	--	3,063	--	--
NAVSTAR OPS	--	1,117	--	1,117	--	--
PACAF COMMAND/CONTROL	--	17,487	--	17,487	--	--
DEFENSE METEOROLOGICAL SAT PROG	--	84,807	--	84,807	--	--
BAWS/USAF-FAA RADAR UPGRADE	--	17,807	--	17,807	--	--
TAC SIGHT SUPPORT	--	17,807	--	17,807	--	--
TACTICAL GROUND INTERCEPT FACILITY	--	5,777	--	5,777	--	--
AIR BASE OPERABILITY	--	1,000	--	1,000	--	--
IMAGERY TRANS	--	17,829	--	17,829	--	--
MODEY DETECTION SYSTEM (MDS)	--	883	--	883	--	--
TACTICAL BURNING SYSTEMS SUPPORT	--	---	--	---	--	--
SPECIAL COMM-ELECTRONICS PROJECTS						
AUTOMATIC DATA PROCESSING EQUIP	--	11,186	--	11,186	--	--
BRUCE/BRIS ADP	--	11,186	--	11,186	--	--
SAC COMMAND AND CONTROL SUPPORT	--	24,842	--	24,842	--	--
AIR FORCE PHYSICAL SECURITY SYSTEM	--	66,364	--	66,364	--	--
WEAPONS STORAGE/SECURITY	--	66,364	--	66,364	--	--
RANGE IMPROVEMENTS	--	6,100	--	6,100	--	--
C3 COUNTERMEASURES	--	22,100	--	22,100	--	--
JOINT SURVEILLANCE SYSTEM	--	67,840	--	67,840	--	--
BASE LEVEL DATA AUTO PROGRAM	--	3,907	--	3,907	--	--
SATELLITE CONTROL FACILITY	--	4,276	--	4,276	--	--
CONSTANT BATCH	--	47,107	--	47,107	--	--
CONSOLIDATED SPACE OPS CENTER	--	---	--	---	--	--
SAMTO TEST RANGE IMP	--	---	--	---	--	--
AIR FORCE COMMUNICATIONS						
PROGRAM ANAL	--	1,781	--	1,781	--	--
INFORMATION TRANSMISSION SYSTEMS	--	688	--	688	--	--
TELEPHONE EXCHANGE	--	79,807	--	79,807	--	--
JOINT TACTICAL COMM PROGRAM	--	18,018	--	18,018	--	--
VETERAN COMM	--	8,085	--	8,085	--	--
USCENTCOM	--	8,085	--	8,085	--	--
AUTOMATED TELECOMMUNICATIONS PRG	--	17,814	--	17,814	--	--
RELISTAR	--	18,483	--	18,483	--	--
SATELLITE TERMINALS	--	---	--	---	--	--
DCA PROGRAMS						
RIDEBAND SYSTEMS UPGRADE	--	13,842	--	13,842	--	--
MINIMUM ESSENTIAL EMER COMM NET	--	3,294	--	3,294	--	--
ORGANIZATION AND BASE						
TACTICAL C-E EQUIPMENT	--	22,812	--	22,812	--	--
RADIO EQUIPMENT	--	4,010	--	4,010	--	--
TV EQUIPMENT (SAFETY)	--	4,010	--	4,010	--	--
CCTV/AUDIOVISUAL EQUIPMENT	--	4,010	--	4,010	--	--
E + S REQUIREMENTS	--	1,911	--	1,911	--	--
SPARES AND REPAIR PARTS	--	126,838	--	126,838	--	--
CAP COM & ELECT	--	13,842	--	13,842	--	--
ITEMS LESS THAN \$2,000,000	--	18,848	--	18,848	--	--
MODIFICATIONS						
COMM-ELECTRONICS CLASS IV	--	18,871	--	18,871	--	--
ANTIJAM VOICE	--	4,802	--	4,802	--	--
TOTAL, ELECTRONICS AND TELECOMMUNICATIONS EQUIP	--	1,881,908	--	1,472,272	--	-179,234
OTHER BASE MAINTENANCE AND SUPPORT EQUIP						
TEST EQUIPMENT						
BASE/ALC CALIBRATION PACKAGE	--	38,123	--	38,123	--	--
HEAVY AIR CALIBRATION PACKAGE	--	38,123	--	38,123	--	--
ITEMS LESS THAN \$2,000,000	--	38,123	--	38,123	--	--
PERSONAL SAFETY AND RESCUE EQUIP						
NIGHT VISION GOGGLES	--	4,984	--	4,984	--	--
CHEMICAL/BIOLOGICAL DEF PROG	--	42,301	--	42,301	--	--
ITEMS LESS THAN \$2,000,000	--	6,370	--	6,370	--	--
DEPOT PLANT + MATERIALS HANDLING EQ						
BASE MECHANIZATION EQUIPMENT	--	34,324	--	34,324	--	--
AIR TERMINAL MECHANIZATION EQUIP	--	77,729	--	77,729	--	--
ASSET CAPITALIZATION PROGRAM (ACPI)	--	18,883	--	18,883	--	--
ITEMS LESS THAN \$2,000,000	--	---	--	---	--	--
ELECTRICAL EQUIPMENT						
GENERATORS-MOBILE ELECTRIC	--	4,296	--	4,296	--	--
ITEMS LESS THAN \$2,000,000	--	6,101	--	6,101	--	--
BASE SUPPORT EQUIPMENT						
BASE PROCURED EQUIPMENT	--	30,489	--	30,489	--	--
MEDICAL/DENTAL EQUIPMENT	--	84,248	--	84,248	--	--
AIR BASE OPERABILITY	--	11,004	--	11,004	--	--
PALLET, AIR CARGO, 106"X88"	4,000	5,829	--	5,829	-4,000	-2,828
PHOTOGRAPHIC EQUIPMENT	--	8,083	--	8,083	--	--
TACTICAL SHELTER	--	3,840	--	3,840	--	--
PRODUCTIVITY ENHANCEMENT	--	8,386	--	8,386	--	--
PRODUCTIVITY INVESTMENTS	--	14,088	--	14,088	--	--
MOBILITY EQUIPMENT	--	7,000	--	7,000	--	--
SHARING HOST NATION SUPPORT	--	8,085	--	8,085	--	--
SPARES AND REPAIR PARTS	--	1,000	--	1,000	--	--
ITEMS LESS THAN \$2,000,000	--	24,601	--	24,601	--	--
SPECIAL SUPPORT PROJECTS						
INTELLIGENCE PRODUCTION ACTIVITY	--	81,840	--	79,423	--	-2,417
TECH SURV COUNTERMEASURES EQ	--	1,938	--	1,938	--	--
SELECTED ACTIVITIES	--	8,184,131	--	8,132,447	--	-51,684
SPECIAL UPDATE PROGRAM	--	108,337	--	108,337	--	--
INDUSTRIAL PREPAREDNESS	--	4,840	--	4,840	--	--
BISC	--	610	--	610	--	--
MODIFICATIONS	--	100	--	100	--	--
FIRST DESTINATION TRANSPORTATION	--	28,093	--	28,093	--	--
REDUCTION FOR FORCE STRUCTURE ADJUSTMENTS	--	---	--	---	--	--
TOTAL, OTHER BASE MAINTENANCE AND SUPPORT EQUIP	--	8,061,184	--	8,702,102	--	+640,918
TOTAL, OTHER PROCUREMENT, AIR FORCE						
		8,507,400		7,785,103		-722,297

OVER-THE-HORIZON BACKSCATTER RADAR (OTH-B)

The Committee recommends \$25,000,000 for the OTH-B radar which will be funded in the Other Procurement, Air Force appropriation account. The Committee notes its displeasure with the Defense Department's approach to the fiscal year 1991 OTH-B funding request. There has been scant justification for shifting the funding to the drug interdiction account. In fact, this budget ploy has only served to obfuscate the terms of debate concerning the mission and requirement for the central sector of the OTH-B radar.

In providing the OTH-B fiscal year 1991 funding, the Committee directs the Air Force to perform a dual mission study to assess OTH-B performance in the counternarcotics and small target tactical warning attack assessment mission areas. If the results of such a study should validate a requirement for central OTH-B sectors, the Air Force should move forward in the fiscal year 1992 budget request to provide funding. Under no circumstances will the Committee consider subsequent OTH-B budget requests in the drug interdiction account. The Air Force is to provide a report on the results of these efforts by June 30, 1991.

NAVSTAR GPS

The Air Force requested \$3,863,000 for Global Positioning System receivers in fiscal year 1991. The Committee recommends denying the entire request. Operational test slippage and substantial prior year unobligated program balances make this year's budget request unnecessary.

AUTOMATED DATA PROCESSING EQUIPMENT

The Air Force requested \$54,746,000 for Automated Data Processing (ADP) Equipment. The Committee recommends \$43,946,000 for this program, a reduction of \$10,800,000 from the budget request. Details of the Committee's recommendation appear in the ADP section of this report.

WWMCCS/WIS ADPE

The Air Force budgeted \$18,357,000 for the Worldwide Military Command and Control System/WMCCS Information System (WWMCCS/WIS) program which provides Automated Data Processing Equipment to support implementation of the Joint Operations and Planning and Execution System (JOPEs) at Air Force sites.

In March 1989, the Defense Communications Agency was directed to assume lead office responsibility for WWMCCS Information System, and the program was redirected from a developmental to a commercial off-the-shelf approach, and to use existing contracts where possible. The Air Force fiscal year 1989 and fiscal year 1990 programs and the fiscal year 1991 request call for procurement of workstation hardware, host processor upgrades, and Local Area Networks (LAN) installation at various sites; together with data base and project management systems for the Air Force C2S program office and the sites.

The rates of unobligated balances have been very high for the program. For this reason, the Committee recommends without prejudice that a total of \$10,000,000 be provided for this program in fiscal year 1991. This is a reduction of \$8,357,000 from the budget request.

WEAPONS STORAGE/SECURITY

The Air Force budgeted \$21,732,000 for the Weapons Storage/Security program.

This line item provides for improved vaulted storage capability and survivability for nuclear weapons. The program involves MILCON funding of sites and Other Procurement, Air Force funding of "insertable" vaults and related protection and control/monitoring systems. Fiscal year 1990 Other Procurement, Air Force contracts awarded through April 1990 provide for procurement of vaults in excess of MILCON-awarded funding by some 60 sites, a savings of about 73 percent of the stated Air Force program requirement (an additional 113 vaults are planned for NATO infrastructure funding). The requirement is predominantly in the NAT arena. Since procurement of vaults is already ahead of site construction, and in view of anticipated changes in force levels and forward deployed forces committed to NATO, the total requirement should be reassessed. Pending such reassessment, the Committee recommends denial of the fiscal year 1991 request for this program.

TELEPHONE EXCHANGE

The Air Force budgeted \$70,882,000 for installing new telephone switching systems at various bases. Because of the planned restructuring of American Forces and the anticipated reduction in the number of overseas installations, the Committee recommends a total of \$65,882,000, a reduction of \$5,000,000 from the budget request.

MILSTAR TERMINALS

The fiscal year 1991 budget request of \$178,014,000 supports the acquisition of 26 Milstar communication terminals. The Committee recommends \$97,214,000, a reduction of \$80,800,000 from the budget request. The Committee notes that the Air Force has yet to justify any quantity requirement for terminals to support operational testing. The level of funds remaining in the program at the end of the fiscal year constitutes a significant budget increase over the prior fiscal year.

SPARES AND REPAIR PARTS

The Air Force budgeted \$139,839,000 for initial spares for electronics and telecommunications equipment. Because of reductions made in various electronics and telecommunications programs in the fiscal year 1990 budget request, the Committee recommends a total of \$114,439,000 for this program, a reduction of \$25,400,000 from the budget request.

ITEMS LESS THAN \$2,000,000

The Air Force budgeted \$15,565,000 for miscellaneous telecommunications and electronics equipment that have a per unit cost

ment of automatic data processing equipment, mechanized materials handling systems, general and special purpose vehicular equipment, communications equipment, and many other items.

PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 1991:

(IN THOUSANDS OF DOLLARS)

[illegible]

COMMITTEE RECOMMENDATIONS

MAJOR EQUIPMENT, OSD/WHIS

The Committee recommends \$71,685,000, a reduction \$5,665,000 for the HI-TRAC 90 program of the Defense Technology Administration which has been postponed by the Department, and a reduction of \$1,000,000 for a constant level of effort Washington Headquarters Services.

UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES

The Committee recommends a reduction of \$890,000 since recent DOD IG report discovered that the University could not count for some of its equipment.

SPECIAL OPERATIONS COMMAND

The Committee recommends a reduction of \$48,010,000 below the budget request for Special Operations Programs discussed elsewhere in this report.

CLASSIFIED PROGRAMS

The Committee recommends an increase of \$213,942,000 above the budget request for classified programs for reasons explained in the classified annex to this report.

DEFENSE PRODUCTION ACT PURCHASES

Appropriations, 1990	\$49,479.0
New obligational authority, 1991:	
Estimate	
Recommended	1,800.0
Increase	50,000.0
	48,200.0

The Committee recommends \$50,000,000 for fiscal year 1991, an increase of \$48,200,000 above the request. These funds will provide for the purchase or commitments to purchase metals, minerals, and other materials to increase the industrial capacity of the United States to produce certain goods essential to defense needs. The Committee expects to be kept informed as each purchase commitment is negotiated and eventually finalized.

PROGRAM RECOMMENDED

The total amount recommended in the bill will provide \$1,800,000 to complete phase II of Rhenium Metal. The balance of the funds may be used to fund future phases of any project already approved and to initiate any metal, mineral, or material approved by a Presidential determination made in accordance with the Defense Production Act.

Each year Congress appropriates procurement funds, which are available for three years, to finance purchase commitments. They are carried on the books as being obligated for the approved projects. However, if the project proves successful, the funds are not expended and are eventually returned to the Treasury. The \$50,000,000 appropriated for FY 1965 was returned to the Treasury.

uses the program started in fiscal year 1991, which contin-

to the Congress on ASMS in response to direction from the Appropriations Committees in their 1990 conference report. No funds may be used for any project not formally disclosed to Congress in the President's budget justification material without prior Congressional approval. The Committee directs that future ASMS budgets to Congress must be on a project rather than category basis, and the justification material must include the five year costs of each project. Funds budgeted in fiscal year 1991 for integration of ICBMs with the Strategic Defense Initiative are specifically denied and should be so noted on DD Form 1414, Base for Reprogramming Actions. Funds budgeted in ASMS in fiscal year 1991 for improved ICBM guidance are available only for that purpose, and should be so designated on DD Form 1414.

RELOCATABLE TARGET CAPABILITY PROGRAM

The Committee recommends the Relocatable Target Capability Program funding be denied as explained in a classified letter accompanying this report.

SPACE SURVEILLANCE TECHNOLOGY

The Committee recommends the Space Surveillance Technology Program be denied as explained in a classified annex to this report.

SHORT RANGE ATTACK MISSILE II (SRAM II)

The Committee recommends \$70,882,000 for the SRAM II program, a reduction of \$86,000,000 from the request.

The Committee has transferred the cost of integrating the SRAM II on the B-1B, added the amounts for the B-1B Radar Warning Receiver, and moved the total to a separate line which appears later in this report called the B-1B Program.

Additionally, the Committee has been informed of continued testing problems being experienced with the Short Range Attack Missile (SRAM) II. The Air Force should submit to the Committee a plan for corrective action with regard to current testing problems. This plan, due no later than January 15, 1991, should address the impact of any corrective action on schedule, performance criteria changes, and overall cost of the program.

ICBM MODERNIZATION

The Committee recommends \$617,671,000 for the ICBM Modernization program, a reduction of \$140,000,000 from the request.

The Committee has provided the funding as follows:

Peacekeeper (maintenance).....	\$7,463,000
Small ICBM.....	164,756,000
Rail Mobile MX.....	445,452,000

WAR PLANNING ADP

The Committee recommends \$2,764,000 for War Planning ADP, a reduction of \$2,000,000 from the request. The fiscal year 1991 request includes funds to integrate the B-2 into the SIOP. This request is based on a B-2 schedule which has been changed by the Secretary of Defense's Major Aircraft Review (MAR) decisions. The Committee has reduced the funds to reflect the MAR changes.

CHEYENNE MOUNTAIN

The Committee recommends \$116,499,000 for the NCMC/TW-AA Systems program, an increase of \$11,600,000 from the request to keep the Cheyenne Mountain "get well" plan on track.

SPACETRACK

The Committee recommends \$5,522,000 for the SPACETRACK program, a reduction of \$10,005,000 from the request associated with a proposed ASAT battle management/command center in Cheyenne Mountain. Due to funding reductions in ASAT programs previously discussed, the Committee believes it is premature to begin a battle management system at this time. Further, the Committee wants to see the results of the Department's recent management emphasis on Cheyenne Mountain computer upgrades before it will consider expansion of computer systems in that facility.

ADVANCED WARNING SYSTEM

The Committee recommends \$260,000,000 for the Advanced Warning System, an increase of \$260,000,000 from the request. The Committee understands that the AWS acquisition strategy is evolving. However, the Air Force has provided preliminary information to the Committee indicating its intention to conduct an orderly conclusion of the Boost Stage and Tracking System (BSTS) demonstration/validation contract, to be followed by an open competition between all interested vendors for the Advanced Warning System. Under this plan, nominally about \$70,000,000 would be required in fiscal year 1991 for orderly BSTS phaseout, \$38,000,000 for system program office operations, \$6,000,000 for AWS trade studies, and the remaining \$146,000,000 to conduct the open competition for the new AWS. The Committee's recommendation is based on execution of such a plan. The Committee requests prior approval for obligation of these funds should the acquisition strategy be changed to be materially different.

B-1B PROGRAM

The Committee recommends \$131,471,000 for the B-1B program. This represents two authorized programs for the B-1B which the Committee has transferred to this separate line: SRAM II (\$86,000,000) and Radar Warning Receiver development (\$45,471,000). The Committee notes that these programs were authorized on different lines.

ADVANCED TACTICAL FIGHTER (ATF) FULL SCALE DEVELOPMENT (FSD)

The Committee initially recommended that no funds be provided for the Advanced Tactical Fighter a year ago. Personal intervention by the Secretary of the Air Force into the program's acquisition strategy caused substantive changes that resulted in the program ultimately being funded by Congress in fiscal year 1990. The demonstration/validation phase of the program was extended by six months and production was delayed, thereby reducing concurrency. These actions were affirmed by the Secretary of Defense's major aircraft review. The Committee therefore strongly believes

the proper actions were taken to allow the program to move into its next logical phase: full scale development. The Air Force indicates that delaying the program's progression into this next phase beyond fiscal year 1991 accomplishes little, yet raises program costs, delays the schedule, and jeopardizes some of the contractor subvendors. For these reasons, the Committee recommends \$200,000,000 for the ATF program, a reduction of \$83,000,000 from the request.

EW DEVELOPMENT

The Committee recommends \$79,180,000 for EW Development, a decrease of \$80,171,000 from the request. This recommendation is based on two reductions: 1) The Committee moved funding for the B-1B Radar Warning Receiver (RWR) project and together with funds for the Short Range Attack Missile (SRAM) II project, created a new line titled "B-1B"; 2) the Committee recommends deleting funds for the Military Airlift Command electronic warfare suite program. This program has already experienced a one-year schedule delay and will probably continue to have difficulty meeting its schedule due to the current use of airlift assets in the Middle East.

ARMAMENT/ORDNANCE DEVELOPMENT

The Committee recommends the Direct Airfield Attack Combined Munitions (DAACM) program be terminated due to changes in Eastern Europe.

Given the easing of tensions in Europe and current budget constraints, the Committee believes that it is unnecessary to embark on a new development program for a airfield attack munition program at this time.

The Committee notes that the Air Force has an extensive inventory of munitions certified for use which could be optimized to address the airfield threat. Therefore, the Committee directs the Air Force to look at optimizing the current inventory of munitions.

SUBMUNITIONS

The Committee recommends the Army's SADARM program be terminated due to cost concerns, procurement uncertainties, and schedule slips. This reduction represents the Air Force portion of the SADARM program.

WIDE-AREA, ANTI-ARMOR MUNITIONS

The Committee recommends the Sensor Fuzed Weapon (SFW) program be terminated due to concerns raised by the Department of Defense Inspector General (DoDIG), cost concerns, program uncertainties, and schedule slips.

COMMON SUPPORT EQUIPMENT DEVELOPMENT

The Committee recommends \$8,570,000 for the Common Support Equipment Development program, a decrease of \$6,549,000 from the request. This recommendation is made based on schedule delays for the 60,000 pound transport loader. The request for proposal (RFP) was released five months behind schedule and the cost

of the program has increased by an additional \$6,200,000 due to poor initial cost estimation on the part of the Military Airlift Command.

COMPUTER RESOURCES MANAGEMENT TECHNOLOGY

The Committee recommends \$14,610,000 for the Computer Resources Management Technology program, an increase of \$2,000,000 to the request. The software development community agrees that the proper reuse of software will result in lower software development costs, faster software development schedules, and lower software development risks. This would, of course, yield significant savings to the Defense Department. Ongoing efforts have or will address diverse reusability topics such as software cataloging, taxonomy, configuration management, software licensing, rights, liability, testing, and reuse incentives. All of this theoretical investigation will be of little value, however, if the reuse concepts established by the STARS efforts are not put into practice. There is currently no central archive established for the reuse of DOD software products. A systematic program to investigate software reusability and archiving is needed. Emerging hardware and software technology breakthroughs in the areas of neural networks, massively parallel systems, distributed databases and artificial intelligence should be applied to the formulation of an architecture for a DOD central archive of reusable software. The solution should cross all engineering disciplines from mechanical and civil engineering and software engineering. The end result of this program should be a blueprint for the implementation of a central archive for reusable software within the Department of Defense. The additional funds are for the Air Force to undertake such a program.

F-15E SQUADRONS

The Committee recommends \$81,910,000 for the F-15E Squadrons program, a reduction of \$7,200,000 from the request.

This reduction is made based on an estimated two-year delay for the planned integration of LANTRIN on the F-15E.

ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)

The Committee recommends \$18,116,000 for the AMRAAM program, a reduction of \$7,400,000 from the request. The 1991 request funds a Pre-planned Product Improvement (P³I) program for the AMRAAM. Considering the current technical difficulties experienced with AMRAAM and the cost increase of the P³I, the Committee recommends postponing these improvements for a reduction of \$25,500,000. However, the Committee recognizes the increasing financial burden that comes with additional testing and has increased funding for testing by \$18,100,000.

TACTICAL AIR CONTROL SYSTEMS

The Committee recommends \$6,575,000 for the Tactical Air Control Systems program, a reduction of \$10,500,000 from the request. The 1991 request funds two major efforts, the Modular Control Equipment (MCE) and the Anti-Radiation Missile (ARM). The MCE project has experienced low execution rates and the Committee re-

should use in the best manner to increase and maximize the quantity of scientists and engineers resulting from Defense sponsored research. The Committee directs the Secretary of Defense to submit a plan for these funds by March 1, 1991 to the Appropriations and Armed Services Committees of Congress.

STRATEGIC TECHNOLOGY

The Committee recommends the budget request of \$207,749,000. Within this amount, \$28,000,000 is available only for superconductivity research of which \$26,000,000 is only for high temperature superconductivity research, and \$2,000,000 is only for the first year of a multiyear \$5,000,000 superconductive digital electronics project. DD Form 1414 shall show these projects as special Congressional interest items, a decrease to which requires prior Congressional approval.

SDI RED TEAM

The President's budget submitted to Congress for SDI funding in fiscal year 1991 contains \$22,000,000 for "Red Team" analysis on possible countermeasures to the system. Both the Defense Department and the Congress believe that such work is important to consider early in the design of the system. The Committee is concerned that this work be robust and effective. Given the large funding reductions to SDI passed on the floor of the House, coupled with the likely prospect of continued long term reduced funding levels for SDI, the Committee is concerned that this effort will not remain adequately funded. The Committee therefore recommends that no less than \$50,000,000 of funds appropriated for SDI be used only for Red Team efforts in fiscal year 1991. The Committee also directs that the Defense Department sustain this effort in future SDI budgets to Congress.

The Committee believes that it is critical to the success of this effort that the Red Team be independent of the SDI office for both its funding and its management oversight, in order to assure a truly unbiased and candid assessment. Sandia and Los Alamos National labs have sufficient technical expertise to manage such an endeavor. Therefore, the Committee directs that the Secretary of Energy establish such a Red Team for SDI which shall consist of an oversight board (to be chaired by DOE) constituted with technically qualified personnel of the Sandia and Los Alamos National laboratories, industry, academia, and appropriate Defense Department personnel. This arrangement parallels that which DOE uses today for competition between its labs in the design of nuclear weapons. Further, since these labs are already participating in SDI, there will be no unnecessary overhead costs and security access problems. The purpose of the board shall be to direct where funding shall be allocated most fruitfully to obtain maximum effective results. Work done by the Red Team should not only include appropriate studies and analyses, but also include flight experiments and construction of actual hardware as necessary to demonstrate and prove effective concepts. Consequently, the Committee directs that \$50,000,000 of the funds provided for SDI shall be transferred to the Department of Energy for expenses associated with this effort.

TACTICAL TECHNOLOGY

The Committee recommends \$141,531,000, an increase of \$19,996,000 as proposed by the House Armed Services Committee. This includes \$14,996,000 only for the vectored thrust technology demonstration described in the House Armed Services Committee's report accompanying its fiscal year 1991 bill and \$5,000,000 for airborne laser work. DD Form 1414 shall show these projects as special Congressional interest items, a decrease to which requires prior Congressional approval.

HIGH PERFORMANCE COMPUTING

The Committee recommends an increase of \$50,000,000 as proposed by the House Armed Services Committee. The Committee believes that the additional funding it has recommended will allow the Defense Department to substantially increase its efforts to develop new models of computation, including high performance shared memory MIMD systems. The Committee notes that new computation models hold significant promise for maintaining U.S. leadership in this critical defense industrial field. The Committee therefore directs the Secretary of Defense to provide a plan to the Appropriations Committees of Congress that implements this aspect of the high performance computing program, and includes both allocation of funds provided in fiscal year 1991 and long term plans for the next five years.

INTEGRATED COMMAND AND CONTROL TECHNOLOGY

The Committee recommends \$137,553,000, an increase of \$100,000,000 only for research and development of high definition systems. DD Form 1414 shall show this project as a special Congressional interest item, a decrease to which requires prior Congressional approval. The Committee is disappointed with the slow pace at which the Defense Department has moved on this research in spite of significant Congressional interest and additional funding a year ago, and the enormous potential payoff to the Defense Department. The Committee agrees with the House Armed Services Committee on the importance of this work, and directs the Secretary of Defense to initiate a five year research plan to field this technology and all its integrated components by 1996. The additional funds are intended to finance the first year of such a plan. To date, the Defense high definition research effort has focused primarily on two critical enabling technologies: displays and display processors. These technologies provide only two of the essential components of a high display system. In order to assure the availability of all the components needed to produce competitive high definition systems, the sponsored research efforts need to be expanded to include the remaining elements: image sensors with the sensitivity and resolution to capture the graphical detail required by high definition systems; integrated electronic packaging; high density storage (semiconductor, magnetic, and optical) at affordable cost; and the system and application software essential to the development of marketable products. Special efforts are necessary to assure that manufacturing processes are developed concurrently with product development. This will require the development of

manufacturing equipment, material handling techniques and advancements in facility layout. The manufacturing processes will require sensor development as a prerequisite to an effective computer integrated manufacturing (CIM) capability. The CIM operation must bridge the component design with final system assembly and will require a major software effort. A prototype facility for integrating, testing and certifying the equipment and software is a major requirement for program success. The same facility will also provide the essential initial training and educational environment that will assure the availability of a skilled workforce. The first products that are manufactured will be available to military system designers and users for evaluation and to provide workstations for continuing application development. The Committee directs the Secretary of Defense to submit his five year plan for achieving these objectives to the Armed Services and Appropriations Committees of Congress by March 1, 1991.

MATERIALS AND ELECTRONICS TECHNOLOGY

The Committee recommends \$143,096,000, an increase of \$100,000,000 as follows: \$60,000,000 only for continued research in X-ray lithography as proposed by the House Armed Services Committee; \$3,000,000 only for low observable paint as proposed by the House Armed Services Committee; \$14,500,000 only for development of ceramic bearings to be funded in this account as opposed to Defense Production Act funding as the Committee directed a year ago; \$10,000,000 only for DARPA to support research into improving compound crystal growth technology for infrared sensitive materials, including improvements in yield and in cross sectional area through grants to at least five companies; \$10,000,000 only to continue development of acoustic charge transport technology and devices; and \$2,500,000 for a ceramic insertion program in materials and electronics technology as discussed in the House Armed Services Committee report. DD Form 1414 shall show these projects as special Congressional interest items, a decrease to which requires prior Congressional approval.

DEFENSE NUCLEAR AGENCY

The Committee recommends \$326,849,000 for the Defense Nuclear Agency, a reduction of \$28,217,000 from the request due to fiscal constraints and reduced number of nuclear weapons programs remaining in development after action by the House Armed Services Committee. Within these funds, \$440,000 is only for operation of and upgrades for the CHIROMA/FLEX glass laser system. DD Form 1414 shall show this project as a special Congressional interest item, a decrease to which requires prior Congressional approval.

MINIATURE DIAGNOSTIC PROTON ACCELERATOR RESEARCH

The Committee recommends \$2,000,000 to continue Department of Defense research on miniature diagnostic proton accelerator research for defense and medical applications.

EXPERIMENTAL EVALUATION OF MAJOR INNOVATIVE TECHNOLOGY

The Committee recommends \$175,397,000, a net decrease of \$4,000,000 to the budget request. This includes an increase of \$10,000,000 to continue joint armor/anti-armor research as explained earlier in this report, and a decrease of \$14,000,000 for hypersonics research that has been cancelled after the budget was submitted.

MICROWAVE/MILLIMETER WAVE MONOLITHIC INTEGRATED CIRCUITS

The Committee recommends \$106,657,000 for microwave/millimeter wave monolithic integrated circuits, an increase of \$20,000,000 as proposed by the House Armed Services Committee only for increased research and development on microwave tubes. DD Form 1414 shall show \$28,000,000 for microwave tube research and development as a special Congressional interest item, a decrease to which requires prior Congressional approval.

BALANCED TECHNOLOGY INITIATIVE

The Committee recommends \$140,187,000, a decrease of \$69,000,000 from the request. Of this reduction, \$35,000,000 is for a classified project as explained in a classified letter accompanying this report, and the balance is due to fiscal constraints. Funds appropriated for the millimeter wave Maverick, X-Rod projectile and the DARPA Armor/Anti-Armor program must be funded at the requested level. DD Form 1414 shall show these projects as special Congressional interest items, a decrease to which requires prior Congressional approval.

CONSOLIDATED DOD SOFTWARE INITIATIVE

The Committee recommends \$22,661,000, an increase of \$10,000,000 to the budget request only to accelerate insertion of the Ada computer programming language into Defense applications as explained in the automated data processing section of this report. Within this total funding line, no less than \$7,500,000 is available only for Ada Language System/Navy. DD Form 1414 shall show these projects as special Congressional interest items, a decrease to which requires prior Congressional approval.

AIR DEFENSE INITIATIVE

The Committee recommends \$148,000,000, a reduction of \$98,920,000 due to fiscal constraints. The Committee is aware that the Department has decided to pursue development of the Airship as a part of the Air Defense Initiative. The Committee has been a strong supporter of the Airship and agrees with the Department that this technology offers significant potential to provide a cost-effective radar platform for use in locating low flying missiles and aircraft. Benefits from this type of program could extend from fleet protection to locating drug smugglers. Of the funds appropriated in this line, \$45,000,000 is only for continued development of the airship and \$8,000,000 is only for development of the associated radar. DD Form 1414 shall show these projects as special Congressional

Union Calendar No. 508

101ST CONGRESS
2D SESSION**H. R. 5803**

[Report No. 101-822]

Making appropriations for the Department of Defense for the fiscal year ending September 30, 1991, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

OCTOBER 9, 1990

Mr. MURTHA, from the Committee on Appropriations, reported the following bill; which was committed to the Committee of the Whole House on the State of the Union and ordered to be printed

A BILL

Making appropriations for the Department of Defense for the fiscal year ending September 30, 1991, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*
3 That the following sums are appropriated, out of any money
4 in the Treasury not otherwise appropriated, for the fiscal
5 year ending September 30, 1991, for military functions ad-
6 ministered by the Department of Defense, and for other pur-
7 poses, namely:

1 SEC. 8036. Of the funds appropriated to the Army,
2 \$46,904,000 shall be available only for the Reserve Compo-
3 nent Automation System (RCAS): *Provided*, That none of
4 these funds can be expended:

5 (1) except as approved by the Chief of the Nation-
6 al Guard Bureau;

7 (2) unless RCAS resource management functions
8 are performed by the National Guard Bureau;

9 (3) unless the RCAS contract source selection of-
10 ficial is the Chief of the National Guard Bureau;

11 (4) to pay the salary of an RCAS program man-
12 ager who has not been selected and approved by the
13 Chief of the National Guard Bureau and chartered by
14 the Chief of the National Guard Bureau and the Secre-
15 tary of the Army;

16 (5) unless the Program Manager (PM) charter
17 makes the PM accountable to the source selection offi-
18 cial and fully defines his authority, responsibility, re-
19 porting channels and organizational structure;

20 (6) to pay the salaries of individuals assigned to
21 the RCAS program management office, source selec-
22 tion evaluation board, and source selection advisory
23 board unless such organizations are comprised of per-
24 sonnel chosen jointly by the Chiefs of the National
25 Guard Bureau and the Army Reserve;

1 (7) to award a contract for development or acqui-
2 sition of RCAS unless such contract is competitively
3 awarded under procedures of OMB Circular A-109 for
4 an integrated system consisting of software, hardware,
5 and communications equipment and unless such con-
6 tract precludes the use of Government furnished equip-
7 ment, operating systems, and executive and applica-
8 tions software; and

9 (8) unless RCAS performs its own classified infor-
10 mation processing.

11 SEC. 8037. None of the funds provided for the Depart-
12 ment of Defense in this Act may be obligated or expended for
13 fixed price-type contracts in excess of \$10,000,000 for the
14 development of a major system or subsystem unless the
15 Under Secretary of Defense for Acquisition determines, in
16 writing, that program risk has been reduced to the extent
17 that realistic pricing can occur, and that the contract type
18 permits an equitable and sensible allocation of program risk
19 between the contracting parties: *Provided*, That the Under
20 Secretary may not delegate this authority to any persons who
21 hold a position in the Office of the Secretary of Defense
22 below the level of Assistant Secretary of Defense: *Provided*
23 *further*, That at least thirty days before making a determina-
24 tion under this section the Secretary of Defense will notify
25 the Committees on Appropriations of the Senate and House

1 Modification shall come from the funds made available to the
2 Department of Defense by this Act.

3 (c) Notwithstanding any other provision of law, the Air
4 Force shall be reimbursed for expenditures in excess of
5 \$15,000,000 in connection with the total clean-up of uncon-
6 trolled hazardous waste contamination on the aforementioned
7 Sale Parcel from the proceeds collected upon the closing of
8 the Sale Parcel.

9 SEC. 8050. None of the funds available to the Depart-
10 ment of Defense or Navy shall be obligated or expended to
11 (1) implement Automatic Data Processing or Information
12 Technology Facility consolidation plans, or (2) make reduc-
13 tions or transfers in personnel end strengths, billets or mis-
14 sions that affect the Naval Regional Data Automation Center
15 or any other Naval personnel commands, data processing, or
16 personnel functions or missions in southeast Louisiana until
17 sixty days after the Secretary of Defense submits a report,
18 including complete review comments by the General Ac-
19 counting Office, to the Committees on Appropriations of the
20 House and Senate justifying any transfer, reductions, or con-
21 solidations in terms of (1) addressing the overall mission and
22 operations staffing of all Naval Automatic Data Processing,
23 Information Technology Facility, and Naval personnel func-
24 tions for all active and reserve personnel commands and field
25 activities and Automatic Data Processing commands and

1 field activities; and (2) certifying that such reduction, transfer
 2 or consolidation plans or operations do not duplicate functions
 3 presently conducted; are cost effective from a budgetary
 4 standpoint; will not adversely affect the mission, readiness
 5 and strategic considerations of the Navy and the Naval Re-
 6 serve; and will not adversely impact on the quality of life and
 7 economic benefits of the individual serviceman or have an
 8 adverse economic impact on a geographic area.

9 SEC. 8051. None of the funds appropriated in this Act
 10 may be available for offshore procurement of second or third
 11 generation night vision image intensifier tubes and devices:
 12 *Provided*, That when adequate domestic supplies are not
 13 available to meet Department of Defense requirements on a
 14 timely basis, the Secretary of the service responsible for the
 15 procurement may waive this restriction on a case-by-case
 16 basis by certifying in writing to the Committees on Appro-
 17 priations that such an acquisition must be made in order to
 18 acquire capability for national security purposes.

19 SEC. 8052. None of the funds available to the Depart-
 20 ment of Defense, including expired appropriations and M ac-
 21 count balances, may be used for the B-1B's ALQ-161A
 22 CORE program unless the Secretary of Defense has notified
 23 the Congress in advance of his intention to use funds for such
 24 purpose.

1 any national or international political or psychological
2 activities.

3 SEC. 8083. None of the funds appropriated by this Act
4 shall be available for the recruitment or enrollment of a new
5 student or class of students at the Uniformed Services Uni-
6 versity of the Health Sciences for any class commencing after
7 September 30, 1991.

8 SEC. 8084. Notwithstanding any other provision of law,
9 after June 1, 1991, all Department of Defense software shall
10 be written in the programming language Ada, in the absence
11 of special exemption by an official designated by the Secre-
12 tary of Defense.

13 SEC. 8085. Using funds available in the National De-
14 fense Stockpile Transaction Fund, the President shall acquire
15 from current domestic sources not less than thirty-six million
16 pounds of depleted uranium to be held in the National
17 Defense Stockpile.

18 SEC. 8086. None of the funds appropriated by this Act
19 shall be obligated to fund more than 95,000 permanent
20 change of station moves of active military personnel to
21 Europe.

22 SEC. 8087. During the current fiscal year, none of the
23 funds available to the Department of Defense shall be used
24 for the training or utilization of psychologists in the prescrip-
25 tion of drugs.